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| --- | --- | --- | --- |
| Serial No. | Plant name | Chemical name | Pubchem CID |
| 01 | *Bletilla striata* (Thunb. ex A. Murray) Rchb. f. | Dactylorhin A1 | 10819499 |
| Gymnoside II1 | 11619501 |
| Gymnoside V1 | 11693717 |
| Gymnoside IX1 | 11651021 |
| Gymnoside X1 | 11586164 |
| Militarine1 | 171638 |
| Gastrodin1 | 115067 |
| Blestritin A1 | 101845671 |
| Blestritin B1 | 101845672 |
| Blestritin C1 | 101845673 |
| Bulbocodin C1 | 102316583 |
| Bulbocodin D1 | 102316584 |
| Bulbocol1 | 102316540 |
| Shancigusin B1 | 42642927 |
| Shanciguol1 | 101995286 |
| Batatasin III1 | 10466989 |
| Gigantol1 | 3085362 |
| 3’-O-methylbatatasin III1 | 442711 |
| 3,3’-dihydroxy-5-methoxy-2,5’,6-tris(p -hydroxybenzyl) bibenzyl1 | 87579595 |
| 3,3’,5-trimethoxybibenzyl1 | 15693460 |
| 3,5-dimethoxybibenzyl1 | 10538117 |
| 3,5-dimethoxyphenanthrene-2,7-diol1 | 44572330 |
| 1,5-dimethoxyphenanthrene-2,7-diol1 | 158976 |
| 2,4,7-trimethoxyphenanthrene1 | 15693458 |
| 2,3,4,7-tetramethoxyphenanthrene1 | 11437978 |
| 2,7-dihydroxy-3,4-dimethoxyphenanthrene1 | 158975 |
| Blespirol1 | 102440970 |
| 1,8-dihydroxy-3-methoxy-6-methylanthracene-9,10-dione1 | 10639 |
| 2-methylanthraquinone1 | 6773 |
| 7-hydroxy-2-methoxyphenanthrene-3,4-dione1 | 127031491 |
| Blestrin A1 | 14583570 |
| Blestrin B1 | 14583572 |
| Blestrin C1 | 101636138 |
| Blestrin D1 | 101634591 |
| Blestriarene B1 | 442695 |
| Blestriarene C1 | 9982511 |
| Blestrianol A1 | 14863073 |
| Blestrianol B1 | 14863075 |
| Blestrianol C1 | 14863077 |
| 4,7-dihydroxy-2-methoxy-9,10-dihydrophenanthrene1 | 442702 |
| 2,4,7-trimethoxy-9,10-dihydrophenanthrene1 | 15693459 |
| Pleionesin C1 | 102097659 |
| Shanciol1 | 44257051 |
| β-sitosterol1 | 222284 |
| β-sitosterol palmitate1 | 13747834 |
| Stigmasterol1 | 5280794 |
| 3-epiruscogenin1 | 12315110 |
| 3-epineoruscogenin1 | 21626040 |
| Cyclomargenol1 | 101658822 |
| Cyclomargenone1 | 101658823 |
| Cycloneolitsol1 | 101306728 |
| Cyclobalanone1 | 101306798 |
| 24-methylenecycloartanol palmitate1 | 101933290 |
| Cyclolaudenol1 | 101729 |
| Cyclolaudenone1 | 21592246 |
| p-hydroxybenzoic acid1 | 135 |
| Protocatechuic acid1 | 72 |
| Cinnamic acid1 | 444539 |
| Caffeic acid1 | 689043 |
| 2-hydroxysuccinic acid1 | 525 |
| Palmitic acid1 | 985 |
| Syringaresinol1 | 100067 |
| Pinoresinol1 | 73399 |
| p-hydroxybenzaldehyde1 | 126 |
| Ferulic acid1 | 445858 |
| 3-hydroxycinnamic acid1 | 637541 |
| 4-hydroxybenzylamine1 | 97472 |
| 4,4’-dihydroxydiphenylmethane1 | 12111 |
| 5-(hydroxymethyl)-2-furaldehyde1 | 237332 |
| Schizandrin1 | 3001664 |
| Tupichinol A1 | 637885 |
| 4-hydroxybenzyl alcohol2 | 125 |
| 4-hydroxybenzyl β-D-glucopyranoside2 | 49871127 |
| Shancigusin I3 | 102582111 |
| 3,7-dihydroxy-2,4-dimethoxyphenanthrene4 | 10445823 |
| Bibenzyl5 | 7647 |
| Biphenanthrene5 | 21709721 |
| Benzylphenanthrene5 | 21569412 |
| Dihydrophenanthropyran5 | 87098366 |
| Coelonin6 | 11390848 |
| Gymnoside III6 | 134715148 |
| Flavanthrinin6 | 14777892 |
| 3,3′-Dihydroxy-2,6-bis(4-hydroxybenzyl)-5-methoxybibenzyl6 | 11282492 |
| 02 | *Boenninghausenia albiflora* (Hook.) Rchb. ex Meisn. | α-Pinene7 | 6654 |
| Sabinene7 | 18818 |
| β-Pinene7 | 14896 |
| β-Myrcene7 | 31253 |
| p-Cymene7 | 7463 |
| Limonene7 | 22311 |
| (E)-β-Ocimene7 | 5281553 |
| γ-Terpinene7 | 7461 |
| Terpinolene7 | 11463 |
| 1,8-Cineole7 | 2758 |
| Cis-Sabinene hydrate7 | 101629835 |
| Linalool7 | 6549 |
| Perillene7 | 68316 |
| Cis-p-Menth-2-en-1-ol7 | 122484 |
| Borneol7 | 64685 |
| Terpinen-4-ol7 | 11230 |
| p-Cymen-8-ol7 | 14529 |
| Verbenone7 | 29025 |
| Cumin aldehyde7 | 326 |
| Bornyl acetate7 | 6448 |
| α-Terpinyl acetate7 | 111037 |
| p-Cymen-7-ol acetate7 | 100990 |
| α-Cubebene7 | 86609 |
| β-Cubebene7 | 93081 |
| β-Bourbonene7 | 324224 |
| β-Elemene7 | 6918391 |
| β-Caryophyllene7 | 5281515 |
| Seychellene7 | 519743 |
| α-Humulene7 | 5281520 |
| Germacrene D7 | 5317570 |
| Bicyclogermacrene7 | 13894537 |
| Germacrene A7 | 9548705 |
| δ-Cadinene7 | 441005 |
| Selina-3,7(11)-diene7 | 522296 |
| Germacrene B7 | 5281519 |
| Epi-Cubebol7 | 91753433 |
| (E)-Nerolidol7 | 5284507 |
| Germacren D-4-ol7 | 5352847 |
| Spathulenol7 | 92231 |
| Caryophyllene oxide7 | 1742210 |
| Globulol7 | 101716 |
| Fokienol7 | 5352449 |
| Guaiol7 | 227829 |
| β-Oplopenone7 | 14038847 |
| Humulene epoxide II7 | 10704181 |
| Epi-α-Cadinol7 | 160799 |
| α-Muurolol7 | 100949538 |
| α-Eudesmol7 | 92762 |
| α-Cadinol7 | 10398656 |
| Bulnesol7 | 90785 |
| Khusinol7 | 91746535 |
| Epi-α-Bisabolol7 | 1201551 |
| Xanthorrhizol7 | 93135 |
| n-Decanal7 | 8175 |
| Decyl acetate7 | 8167 |
| n-dodecanol7 | 8193 |
| Geijerene7 | 12310053 |
| Isogeijerene C7 | 85863764 |
| Pregeijerene7 | 21160126 |
| Dictamnol7 | 91746503 |
| α-Thujene8 | 17868 |
| Camphene8 | 6616 |
| (Z)-β-Ocimene8 | 5320250 |
| (Z)-Sabinene hydrate8 | 62367 |
| (Z)-p-Menth-2-en-1-ol8 | 13918681 |
| (E)-Pinocamphone8 | 11038 |
| Myrtenol8 | 10582 |
| 2-Undecanone8 | 8163 |
| 2-Undecanol8 | 15448 |
| δ-Elemene8 | 12309449 |
| Piperitenone8 | 381152 |
| Methyl perillate8 | 14159029 |
| (E)-β-Farnesene8 | 10407 |
| γ-Gurjunene8 | 90805 |
| (Z)-Nerolidol8 | 5356544 |
| 4-(4-tert-butyl phenoxy)-Benzaldehyde8 | 10824840 |
| Benzaldehyde9 | 240 |
| 1-Propylcyclopentanol9 | 98267 |
| δ-3-Carene9 | 26049 |
| Salicylaldehyde9 | 6998 |
| 4-Methyl-4-vinylbutyrolactone9 | 10975491 |
| Acetophenone9 | 7410 |
| Cis-Linalool oxide9 | 6428573 |
| Trans-Linalool Oxide9 | 6432254 |
| α-Campholenal9 | 1252759 |
| Nopinone9 | 32735 |
| Linderol9 | 1201518 |
| Hydrocinnamaldehyde9 | 7707 |
| 3,7-Dimethyloct-1,5-dien-3,7-diol9 | 5352451 |
| α-Terpineol9 | 17100 |
| (Z)-Cinnamaldehyde9 | 6428995 |
| Bornyl formate9 | 518472 |
| (E)-cinnamaldehyde9 | 637511 |
| (E)-Cinnamyl alcohol9 | 5315892 |
| Ethyl-Hydrocinnamate9 | 16237 |
| Cinnamyl formate9 | 5354883 |
| Cis-Cinnamic acid9 | 5372954 |
| α-Copaene9 | 70678558 |
| Hydrocinnamyl acetate9 | 31226 |
| Cinnamyl propyl ether9 | 5369728 |
| (Z)-ethyl-Cinnamate9 | 5284656 |
| β-selinene9 | 442393 |
| Guaia-1(10),11-diene9 | 520826 |
| α-Muurolene9 | 12306047 |
| γ-Cadinene9 | 92313 |
| Trans-Calamenene9 | 6429022 |
| Caryophylla-4(12),8(13)-dien-5- alpha-ol9 | 527418 |
| Cadin-4-en-10-ol9 | 519662 |
| α- Costol9 | 13006421 |
| Kaur-16-ene9 | 5318786 |
| Linalyl cinnamate9 | 5355858 |
| Coumarin10 | 323 |
| Murraxocin10 | 188750 |
| Murralongin10 | 179620 |
| 03 | *Bombax ceiba* L. | Quercetin11 | 5280343 |
| Quercetin-3-O-β-D-glucopyranoside11 | 5280804 |
| Quercetin-3-O-β-D-glucuronopyranoside11 | 5274585 |
| Rutin11 | 5280805 |
| Vitexin11 | 5280441 |
| Isovitexin11 | 162350 |
| Vicenin11 | 3084407 |
| Kaempferol-3-O-rutinoside11 | 5318767 |
| Isomangiferin11 | 5318597 |
| Mangiferin11 | 5281647 |
| Esculetin11 | 5281416 |
| Scopoletin11 | 5280460 |
| Fraxetin11 | 5273569 |
| Scopoline11 | 261184 |
| Blumenol C glucoside11 | 14135395 |
| Benzyl-β-Dglucopyranoside11 | 13254166 |
| Phenylethyl rutinoside11 | 11166301 |
| Chlorogenic acid11 | 1794427 |
| Methyl chlorogenate11 | 6476139 |
| Vanillic acid11 | 8468 |
| Lupeol12 | 259846 |
| β- sitosterol12 | 222284 |
| Potassium nitrate12 | 24434 |
| 7- hydroxycadalene12 | 608115 |
| Kaempferol12 | 5280863 |
| Ethyl palmitate12 | 12366 |
| Bombasin12 | 24787302 |
| Bombalin12 | 101839172 |
| Neochlorogenic acid12 | 5280633 |
| Quercetagetin12 | 5281680 |
| Cholesterol12 | 5997 |
| Stigmasterol12 | 5280794 |
| Campesterol12 | 173183 |
| α-amyrin12 | 73170 |
| Vicenin 212 | 442664 |
| Linarin12 | 5317025 |
| Saponarin12 | 441381 |
| Cosmetin12 | 5280704 |
| Xanthomicrol12 | 73207 |
| Apigenin12 | 5280443 |
| Fructose12 | 2723872 |
| Glucose12 | 5793 |
| Galactose12 | 6036 |
| Arabinose12 | 439195 |
| Sucrose12 | 5988 |
| Lactose12 | 6134 |
| N-hexacosanol12 | 68171 |
| Myristic acid12 | 11005 |
| Arachidic acid12 | 10467 |
| Behenic acid12 | 8215 |
| Galacturonic acid12 | 439215 |
| Rhamnose12 | 25310 |
| Palmitic acid12 | 985 |
| Stearic acid12 | 5281 |
| Oleic acid12 | 445639 |
| Linoleic acid12 | 5280450 |
| Bombaxquinone B13 | 328066 |
| Hemigossypolone13 | 182249 |
| Bombamalone A13 | 23642715 |
| Bombamalone B13 | 23642716 |
| Bombamalone C13 | 23642717 |
| Bombamalone D13 | 44445623 |
| Gossypol13 | 3503 |
| Hemigossypol13 | 115300 |
| Isohemigossypol-1-methyl ether13 | 157642 |
| Isohemigossypol-2-methyl ether13 | 186727 |
| Lacinilene C13 | 170551 |
| Gallic acid13 | 370 |
| Ethyl gallate13 | 13250 |
| 1-Galloyl-beta-d-glucose13 | 124021 |
| Tannic acid13 | 16129778 |
| Alpha-Cedrol13 | 65575 |
| Triacontanol13 | 68972 |
| 3-Methyl-2(3H)-benzofuranone13 | 577536 |
| Vernolic acid13 | 6449780 |
| Octyl palmitate13 | 85651 |
| Octadecyl palmitate13 | 75778 |
| Cellulose13 | 16211032 |
| Pentosan13 | 125409 |
| 04 | *Bryophyllum pinnatum* (Lam.) Oken | Hexadecanoic acid, ethyl ester14 | 12366 |
| 9-Octadecenoic acid, methyl ester14 | 5280590 |
| Linoleic acid ethyl ester14 | 5282184 |
| 9,12-Octadecadienoic acid, ethyl ester14 | 5365672 |
| Syringic acid15 | 10742 |
| Caffeic acid15 | 689043 |
| 4-hydroxy-3-methoxy-cinnamic acid15 | 709 |
| 4-hydroxybenzoic acid15 | 135 |
| p-hydroxycinnamic acid15 | 637542 |
| Ferulic acid15 | 445858 |
| Protocatechuic acid15 | 72 |
| Phosphoenolpyruvate15 | 1005 |
| Astragalin15 | 5282102 |
| 3,8-dimethoxy-4,5,7- trihydroxyflavone15 | 13983738 |
| Friedelin15 | 91472 |
| Luteolin15 | 5280445 |
| Rutin15 | 5280805 |
| Kaempferol15 | 5280863 |
| Quercetin15 | 5280343 |
| α-amyrin15 | 73170 |
| β-amyrin15 | 73145 |
| Β-amyrinacetate15 | 92156 |
| Taraxerol15 | 92097 |
| Ψ-taraxasterol15 | 5270605 |
| Glutinol15 | 9932254 |
| β-sitosterol15 | 222284 |
| Bryophyllin B15 | 101424435 |
| Bryophyllin A15 | 5488801 |
| Bersaldegenin-3-acetate15 | 21768173 |
| Bryotoxin A15 | 441848 |
| Bryotoxin B15 | 5489391 |
| Campesterol15 | 173183 |
| Isofucosterol15 | 5281326 |
| Clionasterol15 | 457801 |
| Codisterol15 | 13833114 |
| Peposterol15 | 5321504 |
| 22- dihydrobrassicasterol15 | 312822 |
| Clerosterol15 | 5283638 |
| 24-epiclerosterol15 | 185472 |
| 25-methyl-5α-ergost-24(28)-en-3β-ol15 | 60077056 |
| ergosta-5-24(28)-dien-3-β-ol15 | 6428671 |
| 5α-stigmast-24-en-3β-ol15 | 21604800 |
| Stigmasterol15 | 5280794 |
| Patuletin15 | 5281678 |
| Palmitic acid15 | 985 |
| Stearic acid15 | 5281 |
| Arachidic acid15 | 10467 |
| Behenic acid15 | 8215 |
| Oxalic acid15 | 971 |
| Citric acid15 | 311 |
| Isocitric acid15 | 1198 |
| Oxaloacetate15 | 970 |
| Malic acid15 | 525 |
| Succinic acid15 | 1110 |
| Raffinose15 | 439242 |
| Lactose15 | 6134 |
| Sucrose15 | 5988 |
| Glucose15 | 5793 |
| Galactose15 | 6036 |
| Fructose15 | 2723872 |
| n-triacontane15 | 12535 |
| Hentriacontane15 | 12410 |
| (24S)-stigmast-25-enol16 | 129725970 |
| Bryophyllin C16 | 101049584 |
| Gallic acid16 | 370 |
| kaempferol-3-O-rutinoside16 | 5318767 |
| Kaempferitrin16 | 5486199 |
| Stigmast-24-enol16 | 129726020 |
| Afzelin16 | 5316673 |
| luteolin 7-O—glucoside16 | 5280637 |
| Bufalin16 | 9547215 |
| Quercitrin17 | 5280459 |
| α-rhamnoisorobin17 | 25079965 |
| 1-Penten-3-one18 | 15394 |
| Hexanal18 | 6184 |
| 1,3-Octadiene18 | 517653 |
| 2-Hexenal18 | 5281168 |
| 2-Heptanone18 | 8051 |
| Heptanal18 | 8130 |
| 2,4-Hexadienal (E,E)18 | 637564 |
| 1-Octen-3-ol18 | 18827 |
| Octanal18 | 454 |
| 2-Octenal (E)18 | 5283324 |
| 2-Octen-1-ol (E)18 | 5318599 |
| Nonanal18 | 31289 |
| 2-Nonenal (E)18 | 5283335 |
| Decanal18 | 8175 |
| Dodecane18 | 8182 |
| Tridecane18 | 12388 |
| Tetradecane18 | 12389 |
| Pentadecane18 | 12391 |
| Butylated Hydroxytoluene18 | 31404 |
| Phenol, 2,4-bis (1,1-dimethylethyl)18 | 93344 |
| Pentanoic acid18 | 7991 |
| Hexadecane18 | 11006 |
| Butyrolactone19 | 7302 |
| 3, 4 –Epoxytetrahydrothiophene-1,1-dioxide19 | 20597 |
| 3,5-Dihydroxy-6-methyl-2,3-dihydro-4H-pyran-4-one19 | 119838 |
| Benzaldehyde19 | 240 |
| Alpha-D-Glucopyranoside, methyl19 | 64947 |
| Oleic acid19 | 445639 |
| 05 | *Buddleja officinalis* Maxim. | Crocusatin C20 | 11105753 |
| Acacetin20 | 5280442 |
| Lariciresinol20 | 332427 |
| Pinoresinol20 | 73399 |
| Syringaresinol20 | 100067 |
| Mimengoside B20 | 54586748 |
| Songarosaponin A20 | 197452 |
| Clerodendrin21 | 5488004 |
| Quercetin 7-O-glucoside21 | 5282160 |
| Luteolin 7-O-rutinoside21 | 14032966 |
| Luteolin 7-O-glucoside21 | 5280637 |
| Luteolin 7-O-glucuronide21 | 5280601 |
| Isorhoifolin21 | 9851181 |
| Diosmetin 7-O-rutinoside21 | 5281613 |
| Apigenin 7-O-glucoside21 | 5280704 |
| Apigenin 7-O-glucuronide21 | 5319484 |
| Neobudofficide21 | 44257901 |
| Apigenin 7-(6”-malonylglucoside)21 | 5281602 |
| Linarin21 | 5317025 |
| Acacetin 7-O-glucoside21 | 5321954 |
| Luteolin21 | 5280445 |
| Acacetin 7-O-glucuronide21 | 5488681 |
| Apigenin21 | 5280443 |
| Salidroside21 | 159278 |
| Cistanoside F21 | 101688189 |
| Hebitol II21 | 53359965 |
| Syringin21 | 5316860 |
| 3-Caffeoylquinic acid21 | 1794427 |
| Echinacoside21 | 5281771 |
| Isocampneoside II21 | 102277956 |
| Campneoside II21 | 102000758 |
| Hebeoside21 | 101390415 |
| Forsythoside A21 | 5281773 |
| Acteoside21 | 5281800 |
| Isoacteoside21 | 6476333 |
| Globusintenoside21 | 102072501 |
| Crocin I21 | 5281233 |
| Crocin II21 | 9940690 |
| Crocin III21 | 10461942 |
| Mimengoside C22 | 44566639 |
| Mimengoside D22 | 21602030 |
| Mimengoside E22 | 44566640 |
| Mimengoside F22 | 21602032 |
| Mimengoside G22 | 44566641 |
| 06 | *Bupleurum hamiltonii* Balakr. | Camphene23 | 6616 |
| Alpha-Pinene23 | 6654 |
| Sabinene23 | 18818 |
| Beta-Pinene23 | 14896 |
| Beta-Myrcene23 | 31253 |
| p-Cymene23 | 7463 |
| Limonene23 | 22311 |
| Trans-Ocimene23 | 5281553 |
| Gamma-Terpinene23 | 7461 |
| Linalool23 | 6549 |
| Bornyl acetate23 | 6448 |
| Beta-Elemene23 | 6918391 |
| Alpha-Copaene23 | 19725 |
| Trans-Caryophyllene23 | 5281515 |
| Alpha-Humulene23 | 5281520 |
| Trans--Farnesene23 | 5281517 |
| Germacrene D23 | 5317570 |
| Alpha-Selinene23 | 10856614 |
| (E,E)-alpha-farnesene23 | 5281516 |
| Gamma-Cadinene23 | 92313 |
| Delta-Cadinene23 | 441005 |
| (E)-nerolidol23 | 5284507 |
| Spathulenol23 | 92231 |
| Caryophyllene oxide23 | 1742210 |
| Iso-Longifolol23 | 91746504 |
| (Z)-lanceol23 | 15560069 |
| 07 | *Bupleurum marginatum* Wall.ex DC. | Hexanal24 | 6184 |
| Heptanal24 | 8130 |
| Nonane24 | 8141 |
| Alpha-Thujene24 | 17868 |
| Heptanol24 | 8129 |
| 6-Methyl-5-heptene-2-one24 | 9862 |
| Octan-2-one24 | 8093 |
| Pentylfuran24 | 19602 |
| Octanal24 | 454 |
| Limonene24 | 22311 |
| Cis-Linalool oxide24 | 6428573 |
| P-Cymenene24 | 62385 |
| Beta-Linalool24 | 6549 |
| n-Undecane24 | 14257 |
| Trans-Pinocarveol24 | 88302 |
| DL-Menthone24 | 6986 |
| (E)-2-Nonenal24 | 5283335 |
| Borneol24 | 64685 |
| Alpha-Terpineol24 | 17100 |
| Myrtenol24 | 10582 |
| b-Cyclocitral24 | 9895 |
| Cis-Carveol24 | 330573 |
| Piperitone24 | 6987 |
| (E)-Anethole24 | 637563 |
| Thymol24 | 6989 |
| 3-Undecanol24 | 98970 |
| 2-Undecanol24 | 15448 |
| n-Tridecane24 | 12388 |
| Alpha-Cubebene24 | 442359 |
| (+)Longicyclene24 | 71311545 |
| Alpha-Copaene24 | 70678558 |
| Alpha-Bourbonene24 | 530816 |
| Iso-Longifolene24 | 11127402 |
| Beta-Elemene24 | 6918391 |
| Beta-Caryophyllene24 | 5281515 |
| Beta-Gurjunene24 | 6432176 |
| Geranyl acetone24 | 1549778 |
| Alpha-Humulene24 | 5281520 |
| Beta-Farnesene24 | 5281517 |
| Germacrene D24 | 5317570 |
| Beta-Selinene24 | 442393 |
| Alpha-Muurolene24 | 12306047 |
| Alpha-Farnesene24 | 5281516 |
| n-Pentadecane24 | 12391 |
| Delta-Cadinene24 | 441005 |
| Alpha-Calacorene24 | 12302243 |
| Spathulenol24 | 92231 |
| Beta-Caryophyllene oxide24 | 1742210 |
| Davanone24 | 519782 |
| Viridiflorol24 | 11996452 |
| Salvial-4(14)-en-1-one24 | 42608172 |
| Cubenol24 | 519857 |
| t-Cadinol24 | 160799 |
| Delta-Cadinol24 | 3084311 |
| Cis-alpha-Santalol24 | 5281531 |
| (Z,E)-Farnesol24 | 1549108 |
| Alpha-Cyperone24 | 6452086 |
| n-Heptadecane24 | 12398 |
| Hexadecanal24 | 984 |
| Hexahydrofarnesyl acetone24 | 10408 |
| Neophytadiene24 | 10446 |
| Hexadecanol24 | 2682 |
| Palmitic acid24 | 985 |
| Phytol24 | 5280435 |
| Chinensin25 | 5315827 |
| (–)-Matairesinol25 | 119205 |
| Octacosanoic acid25 | 10470 |
| Diphyllin25 | 100492 |
| Kaerophyllin25 | 6440534 |
| Alpha-peltatin25 | 92129 |
| Butyrolactone25 | 7302 |
| Demethylyatein25 | 31651 |
| Suchilactone25 | 132350840 |
| Vanillic acid 4-β-D-glucoside25 | 14132336 |
| Kaempferol 3-O-neohesperidoside25 | 5318761 |
| Citroside A25 | 14312562 |
| Dehydrodiconiferyl alcohol 4-O-β-D-glucopyranoside25 | 5316442 |
| Styraxlignolide C25 | 11398272 |
| Clinoposaponin XI25 | 190938 |
| Quercetrin26 | 5280459 |
| Isorhamnetin26 | 5281654 |
| Narcissin26 | 5481663 |
| Alpha-spinasterol26 | 5281331 |
| Rutin26 | 5280805 |
| Stigmasterol26 | 5280794 |
| Beta-sitosterol26 | 222284 |
| Daucosterol26 | 5742590 |
| Alpha-spinasterol glucoside26 | 12960498 |
| Saikosaponin A27 | 167928 |
| Saikosaponin D27 | 107793 |
| Hydroxysaikosaponin a27 | 101690817 |
| Saikosaponin b127 | 9875547 |
| Saikosaponin f27 | 21598300 |
| Saikosaponin b227 | 21637642 |
| Saikosaponin b427 | 21637636 |
| Saikochromoside A27 | 70697379 |
| Rotundifolioside A27 | 11061975 |
| Malonylsaikosaponin d27 | 102059427 |
| Saikosaponin n27 | 100962153 |
| Malonylsaikosaponin a27 | 102059426 |
| Saikosaponin b327 | 21637635 |
| 1, 2, 3, 7-Tetramethoxyxanthone27 | 14528828 |
| Rotundioside F27 | 101093904 |
| Rotundifolioside J27 | 101426597 |
| Rotundifolioside I27 | 10865866 |
| (3,4-dimethoxybenzyl)-2-(3,4-methylenedioxybenzyl) butyrolactone28 | 129848926 |
| Myricetin29 | 5281672 |
| 08 | *Buxus bodinieri* Lévl. | Buxbodine B30 | 91895280 |
| Buxbodine D30 | 91895277 |
| 09 | *Caesalpinia sappan* Linn. | Caesalpin J31 | 127260 |
| (E)-7-hydroxy-3-(4-hydroxybenzylidene)chroman-4- one31 | 44443280 |
| Sappanone B31 | 13888976 |
| 3’-deoxy-4-O-methylsappanol31 | 13846680 |
| Caesalpiniaphenol F31 | 14522836 |
| 3’-deoxyepisappanol31 | 23259347 |
| 3’-deoxy-4-O-methylepisappanol31 | 71463283 |
| 4,4 -dihydroxy-2 -methoxychalcone31 | 5319688 |
| Sappanchalcone31 | 5319493 |
| Protosappanin A31 | 128001 |
| (-)-Protosappanin B31 | 13846689 |
| 10-O-Methylprotosappanin B31 | 5319768 |
| Brazilin31 | 73384 |
| (-)-Balanophonin31 | 23252258 |
| (-)-syringaresinol31 | 11604108 |
| (-)-episyringaresinol31 | 45482321 |
| Coniferyl aldehyde31 | 5280536 |
| 4–hydroxy-3-methoxybenzaldehyde31 | 604791 |
| 2,4-dihydroxybenzoic acid31 | 1491 |
| (-)-3-deoxysappanone B31 | 57391100 |
| Brazelein32 | 6453902 |
| Brazilide A32 | 102501911 |
| 2,4,5-Trihydroxybenzaldehyde32 | 643387 |
| Euxanthone32 | 5281631 |
| 3,8,9-Trihydroxy-6H-benzo[c] chromen-6-one32 | 60198001 |
| 3-Deoxysappanone B32 | 15703606 |
| Butein32 | 5281222 |
| Protosappanin C32 | 13846692 |
| Protosappanin D32 | 101405825 |
| Phanginin I33 | 24824767 |
| Phaginin A33 | 101844809 |
| Phanginin D33 | 101844812 |
| Phanginin H33 | 24854208 |
| Phanginin J33 | 24854209 |
| Caesalpiniaphenol G34 | 102499318 |
| Quercetin34 | 5280343 |
| 5-hydroxy-1,4-naphthoquinone35 | 3806 |
| 5-hydroxy-2-methyl-1,4-naphthoquinone35 | 10205 |
| 1,4-naphthoquinone35 | 8530 |
| 1,2-naphthoquinone35 | 10667 |
| Methoxychalcone35 | 5367166 |
| 7,10-Dihydroxy-11-methoxydracaenone36 | 3081036 |
| 1,5-Dihydroxyxanthone36 | 5480299 |
| 3-Allyl-6-methoxyphenol37 | 596375 |
| 4-Hydroxy-3,5-dimethoxybenzaldehyde37 | 8655 |
| 4-Hydroxy-3-methoxybenzaldehyde37 | 1183 |
| Squalene37 | 638072 |
| Friedelan-3-one37 | 91472 |
| Tetradecanoic acid37 | 11005 |
| n-Hexadecanoic acid37 | 985 |
| (9Z,12Z)-Octadeca-9,12-dienoic acid37 | 5280450 |
| p-Methoxycinnamic acid ethyl ester37 | 5281783 |
| Benzyl benzoate37 | 2345 |
| Campesterol37 | 173183 |
| Stigmasta-5,22-dien-3-ol37 | 53870683 |
| 22,23-Dihydrostigmasterol37 | 222284 |
| (+)-lyoniresinol38 | 11711453 |
| 3'-O-methylbrazilin38 | 13846641 |
| Caesalpiniaphenol A39 | 71454364 |
| Caesalpiniaphenol B39 | 71457914 |
| Caesalpiniaphenol C39 | 71452598 |
| Caesalpiniaphenol D39 | 71457913 |
| Quercetin-3,7-di-O-methyl ether39 | 5280417 |
| 10,11-dihydroxydracaenone C39 | 71450773 |
| Beta-amyrin40 | 73145 |
| 2-deoxyribose40 | 5460005 |
| Sappanol40 | 13846649 |
| 3’-deoxysappanol40 | 13846660 |
| 4,4’-dihydroxy-2’-methoxychalcone40 | 6442675 |
| Ombuin40 | 5320287 |
| 4,4’-dihydroxy-2’- methoxychalcone40 | 129864633 |
| 8-methoxybonducellin40 | 73299135 |
| Neosappanone A40 | 101353537 |
| Capric acid40 | 2969 |
| Lauric acid40 | 3893 |
| Palmitoleic acid40 | 445638 |
| Arachidic acid40 | 10467 |
| Tetraacetylbrazilin40 | 192761 |
| Hematoxylin40 | 442514 |
| 10 | *Calliandra haematocephala* Hassk. | (epi)catechin41 | 72276 |
| (epi)afzelechin41 | 443639 |
| Gallocatechin41 | 65084 |
| Catechin41 | 9064 |
| Epigallocatechin-3-O-gallate41 | 65064 |
| Catechin benzylthioether41 | 101607233 |
| Epicatechin benzylthioether41 | 101607232 |
| Myricetin42 | 5281672 |
| Quercetin42 | 5280343 |
| Pipecolic acid43 | 849 |
| Cis-5-hydroxypipecolic acid43 | 11008043 |
| p-hydroxybenzoic acid44 | 135 |
| Protocatechuic acid44 | 72 |
| Caffeic acid44 | 689043 |
| Astilbin44 | 119258 |
| Betulinic acid44 | 64971 |
| Niclosamide44 | 4477 |
| Oxyclozanide44 | 16779 |
| Bithionol44 | 2406 |
| Cholestanol45 | 6665 |
| Campesterol45 | 173183 |
| Stigmasterol45 | 5280794 |
| Stigmastanol45 | 241572 |
| β- Sitosterol45 | 222284 |
| Lauric acid45 | 3893 |
| Myristic acid45 | 11005 |
| Palmitic acid45 | 985 |
| Stearic acid45 | 5281 |
| Oleic acid45 | 445639 |
| Linoleic acid45 | 5280450 |
| Linolenic acid45 | 5280934 |
| 11 | *Calystegia hederacea* Wall. ex Roxb. | Tiglic acid46 | 125468 |
| 11S-hydroxyhexadecanoic acid46 | 12575964 |
| p-bromophenacyl 2-methylbutyrate47 | 14033789 |
| p-bromophenacyl tiglate47 | 25231770 |
| p-bromophenacyl nilate47 | 14033791 |
| Methyl 11-hydroxyhexadecanoate47 | 602938 |
| Methyl 12-hydroxyhexadecanoate47 | 15569763 |
| Calysolin II47 | 56833467 |
| Calysolin III47 | 56833554 |
| 12 | *Camellia sinensis* (L.) O. Ktze. | Epigallocatechin gallate48 | 65064 |
| Epicatechin 3-gallate48 | 65056 |
| Epigallocatechin48 | 72277 |
| Epicatechin48 | 72276 |
| Catechin48 | 9064 |
| (−)-5-(3′,4′, 5′-trihydroxyphenyl)-gamma valerolactone48 | 44389277 |
| (−)-5-(3′, 4′-dihydroxyphenyl)-gamma valerolactone48 | 152432 |
| Caffeine48 | 2519 |
| Theobromine49 | 5429 |
| Theaflavin49 | 135403798 |
| L-theanine49 | 439378 |
| Myricetin49 | 5281672 |
| Theaflavin3-gallate49 | 136825044 |
| Theaflavin-3’-gallate49 | 136825043 |
| Theaflavin-3,3’-digallate49 | 135403795 |
| Theaflavate C49 | 101446897 |
| Bistheaflavate A49 | 101446898 |
| Proepitheaflagallin49 | 101438247 |
| Theasinensin A49 | 442543 |
| Theasinensin B49 | 467315 |
| Theasinensin C49 | 467317 |
| Theasinensin F49 | 467316 |
| Quercetin-3-rutinoside49 | 5280805 |
| Gallic acid49 | 370 |
| Quinic acid49 | 6508 |
| Caffeoylquinic acid49 | 1794427 |
| Xanthosine49 | 64959 |
| 7-methylxanthosine49 | 23724732 |
| Fructose49 | 2723872 |
| Glucose49 | 5793 |
| Sucrose49 | 5988 |
| Rhamnose49 | 25310 |
| Galactose49 | 6036 |
| Lactose49 | 6134 |
| Arabinose49 | 439195 |
| Xylose49 | 135191 |
| Mannose49 | 18950 |
| Ribose49 | 10975657 |
| Galacturonic acid49 | 439215 |
| Glucuronic acid49 | 94715 |
| Linalool49 | 6549 |
| (Z)-hex-3-enal49 | 643941 |
| (Z)-1,5-octadien 3-one49 | 6429343 |
| 4-mercapto-4-methyl-2-pentanone49 | 88290 |
| Methional49 | 18635 |
| 3-methylnonane-2,4-dione49 | 529481 |
| 2-acetyl-1-pyrroline49 | 522834 |
| 2-ethyl-3,5-dimethylpyrazine49 | 26334 |
| 2,3- diethyl-5-methylpyrazine49 | 28905 |
| 2-acetyl-2-thiazoline49 | 169110 |
| β-damascone49 | 5374527 |
| β-damascenone49 | 5366074 |
| (Z)- methyl jasmonate49 | 6430765 |
| Phenylmethyl acetate49 | 8785 |
| Phenylethyl acetate49 | 7654 |
| 2-methylpropyl benzoate49 | 61048 |
| Puerin A49 | 101377924 |
| Puerin B49 | 101377925 |
| Teadenol A49 | 68196392 |
| Teadenol B49 | 68196394 |
| Fuzhuanin A49 | 71813433 |
| Fuzhuanin B49 | 71813434 |
| Fuzhuanin C49 | 101879768 |
| Fuzhuanin D49 | 101879769 |
| Fuzhuanin E49 | 101879770 |
| Fuzhuanin F49 | 101879771 |
| Planchol A49 | 11543679 |
| Xanthocerin49 | 134771583 |
| Beta-glucogallin50 | 124021 |
| Galloylquinic acid50 | 129650210 |
| Quercetin 3-O-glucoside50 | 5280804 |
| Myricetin 3-O-glucoside50 | 22841567 |
| Gallocatechin50 | 65084 |
| 1,2,6-Trigalloylglucose50 | 440308 |
| Myricetin 3-O-galactoside50 | 5491408 |
| Quercetin 3-O-glucosylrutinoside50 | 102332276 |
| Kaempferol 3-O-galactoside50 | 5462193 |
| Kaempferol-3,7-di-O-α-L-rhamnoside51 | 5486199 |
| Quercetin-3,7-di-O-α-L-rhamnopyranoside51 | 15953752 |
| Myricetin -3-O-α-L-rhamnopyranoside51 | 5352000 |
| Strictinin51 | 73330 |
| Pinoresinol 4′-O-β-D-glucopyranoside51 | 486614 |
| Methyl gallate51 | 7428 |
| Catechol51 | 289 |
| Pyrogallol51 | 1057 |
| 4,4′-methylenebis[1,2,3-benzenetriol]51 | 21896293 |
| p-hydroxyphenethyl alcohol51 | 10393 |
| 3,4-dihydroxybenzoic acid51 | 72 |
| 2-(4-hydroxyphenyl)ethyl β-D-glucopyranoside51 | 159278 |
| Coniferin51 | 5280372 |
| Theogallin51 | 442988 |
| Theophylline52 | 2153 |
| Linoleic acid52 | 5280450 |
| Linolenic acid52 | 5280934 |
| Catechin gallate52 | 6419835 |
| 13 | *Cardiocrinum giganteum* (Wall.) Makino | Quercetin53 | 5280343 |
| Apigenin53 | 5280443 |
| Kaempferol53 | 5280863 |
| 14 | *Carex baccans* Nees | (+)-alpha-viniferin54 | 196402 |

References

1. Xu, D., Pan, Y. & Chen, J. Chemical constituents, pharmacologic properties, and clinical applications of bletilla striata. *Front. Pharmacol.* **10**, 1–19 (2019).

2. Hu, M. *et al.* Chemical Composition of Tubers of Bletilla striata. *Chem. Nat. Compd.* **55**, 555–556 (2019).

3. Zhao, Y. *et al.* Chemical constituents from Bletilla striata and their NO production suppression in RAW 264.7 macrophage cells. *J. Asian Nat. Prod. Res.* **20**, 385–390 (2018).

4. Woo, K. W., Park, J. E., Choi, S. U., Kim, K. H. & Lee, K. R. Phytochemical constituents of bletilla striata and their cytotoxic activity. *Nat. Prod. Sci.* **20**, 91–94 (2014).

5. Wu, T. Y., Chen, C. C. & Lay, H. L. Study on the components and antioxidant activity of the Bletilla plant in Taiwan. *J. Food Drug Anal.* **18**, 279–289 (2010).

6. Nishidono, Y. *et al.* Effect of heat processing on the chemical constituents and NO-suppressing activity of Bletilla Tuber. *J. Nat. Med.* **74**, 219–228 (2020).

7. Verma, R. C. P. R. S., Chauhan, A. & Á, E. Á. B. Á. G. D. Compositional Variations in Volatile Constituents of Boenninghausenia albiflora Reichb . from Western Himalaya. **36**, 635–640 (2013).

8. Taylor, P., Padalia, R. C., Verma, R. S., Chauhan, A. & Chanotiya, C. S. Natural Product Research : Formerly Natural Product Letters Chemical composition of leaf and root essential oils of Boenninghausenia albiflora Reichb . from northern India. 37–41.

9. Journals, I. Essential Oil Constituents of Boenninghausenia albiflora Reichb . ( Rutaceae ) from Gangolihat , ( Distt-Pithoragarh ). (2018).

10. Joshi, B. *et al.* Medicinal Plants of Nepal Selected Based on Ethnobotanical Evidence. **2020**, (2020).

11. Joshi, K. R., Devkota, H. P. & Yahara, S. NPC Natural Product Communications. **8**, 7–8 (2013).

12. Karole, S., Gautam, G. & Gupta, S. PROFILE OF BOMBAX CEIBA. **6**, (2017).

13. Refaat, J. *et al.* *Bombacaceae : A phytochemical review Bombacaceae : A phytochemical review*. vol. 0209 (2013).

14. Ot, O. Chemical Composition and Antioxidant Activity of Bryophyllum pinnatum Root. *Nat. Prod. Chem. Res.* **3**, (2015).

15. Kamboj, A. & Saluja, A. K. PHCOG REV .: Review Article Bryophyllum pinnatum ( Lam .) Kurz .: Phytochemical and Pharmacological Profile : A Review. 364–374 (2009).

16. Fernandes, J. M., Cunha, L. M., Azevedo, E. P., Fernandes-pedrosa, M. F. & Zucolotto, S. M. Kalanchoe laciniata and Bryophyllum pinnatum : an updated review about ethnopharmacology , phytochemistry , pharmacology and toxicology. **29**, 529–558 (2019).

17. Latif, A. *et al.* PHYTOCHEMICAL AND PHARMACOLOGICAL PROFILE OF THE MEDICINAL HERB : BRYOPHYLLUM PINNATUM. **29**, (2019).

18. Zawirska-wojtasiak, R., Jankowska, B., Piechowska, P. & Mildner-, S. Vitamin C and aroma composition of fresh leaves from Kalanchoe pinnata and Kalanchoe daigremontiana. *Sci. Rep.* 1–8 (2019) doi:10.1038/s41598-019-56359-1.

19. Uchegbu, R. I., Ahuchaogu, A. A., Amanze, K. O. & Ibe, C. O. Chemical Constituents Analysis of the Leaves of Bryophyllum pinnatum by GC-MS. **3**, 19–22 (2017).

20. Park, T. W. *et al.* Chemical constituents from buddleja officinalis and their inhibitory effects on nitric oxide production. *Nat. Prod. Sci.* **22**, 129–133 (2016).

21. Xie, G. *et al.* Chemical profiles and quality evaluation of Buddleja officinalis flowers by HPLC-DAD and HPLC-Q-TOF-MS/MS. *J. Pharm. Biomed. Anal.* **164**, 283–295 (2019).

22. Guo, H. *et al.* Saponins from the Flower Buds of Buddleja officinalis. *J. Nat. Prod.* **67**, 10–13 (2004).

23. Pande, C., Tewari, G., Singh, C. & Singh, S. Chemical composition of the essential oil from the flowering aerial parts of Bupleurum hamiltonii Balak from Uttarakhand, India. *Nat. Prod. Res.* **26**, 1442–1445 (2012).

24. Ashour, M. L. *et al.* Chemical composition and biological activity of the essential oil obtained from <I>Bupleurum marginatum</I> (Apiaceae). *J. Pharm. Pharmacol.* **61**, 1079–1087 (2009).

25. Liu, X. *et al.* Bupleurum marginatum Wall . ex DC in Liver Fibrosis : Pharmacological Evaluation , Differential Proteomics , and Network Pharmacology. **9**, 1–14 (2018).

26. Ashour, M. L., Youssef, F. S., Gad, H. A. & El-readi, M. Z. Evidence for the anti-inflammatory activity of Bupleurum marginatum ( Apiaceae ) extracts using in vitro and in vivo experiments supported by virtual screening. (2018) doi:10.1111/jphp.12904.

27. Liang, Z., Zhang, J., Yang, G., Chen, H. & Zhao, Z. Chemical profiling and histochemical analysis of Bupleurum marginatum roots from different growing areas of Hubei province. *Acta Pharm. Sin. B* **3**, 193–204 (2013).

28. Ashour, M. L., El-Readi, M. Z., Tahrani, A., Eid, S. Y. & Wink, M. A novel cytotoxic aryltetraline lactone from Bupleurum marginatum (Apiaceae). *Phytochem. Lett.* **5**, 387–392 (2012).

29. Lei, Z. *et al.* A new triterpenoid and a new flavonoid glycoside isolated from Bupleurum marginatum and their anti-inflammatory activity. *Nat. Prod. Res.* **0**, 1–7 (2019).

30. Zhang, J. *et al.* Chemical Constituents of Plants from the Genus Buxus. *Chem. Biodivers.* **12**, 1289–1306 (2015).

31. Ji, Y. *et al.* Chemical constituents from heartwoods of Caesalpinia sappan with antiplatelet aggregation activities. **11**, 423–428 (2019).

32. Nirmal, N. P., Rajput, M. S., Prasad, R. G. S. V & Ahmad, M. Asian Paci fi c Journal of Tropical Medicine Brazilin from Caesalpinia sappan heartwood and its pharmacological activities : A review. *Asian Pac. J. Trop. Med.* **8**, 421–430 (2015).

33. Tran, M. H. *et al.* Cytotoxic constituents from the seeds of Vietnamese Caesalpinia sappan. *Pharm. Biol.* **00**, 1–6 (2015).

34. Nguyen, V. B. *et al.* Phenolic Compounds from Caesalpinia sappan. **12**, 410–414 (2020).

35. Zanin, J. L. B. *et al.* The Genus Caesalpinia L. (Caesalpiniaceae): Phytochemical and Pharmacological Characteristics. 7887–7902 (2012) doi:10.3390/molecules17077887.

36. Zhao, M. *et al.* Two New Phenolic Compounds from the Heartwood of Caesalpinia sappan L. 1–8 (2014) doi:10.3390/molecules19010001.

37. Linn, S. & Saiai, A. PHYTOCHEMICAL AND CYTOTOXIC INVESTIGATIONS OF THE HEARTWOOD OF CAESALPINIA. **11**, 11–14 (2018).

38. Fu, L. *et al.* A New 3-Benzylchroman Derivative from Sappan Lignum (Caesalpinia sappan). 1923–1930 (2008) doi:10.3390/molecules13081923.

39. Cuong, T. D. *et al.* Phenolic Compounds from Caesalpinia sappan Heartwood and Their Anti-in fl ammatory Activity. 10–16 (2012).

40. Pawar, C. R., Landge, A. D. & Surana, S. J. Phytochemical and Pharmacological Aspects of Caesalpinia sappan. **1**, 131–138 (2008).

41. Taylor, P., Wei, S., Chen, H. & Lin, Y. Comparison of Chemical Compositions and Antioxidant Activities of Condensed Tannins From Different Parts of Calliandra haematocephala. 37–41 doi:10.1080/02773813.2014.919596.

42. Punnagai, K. & I, G. J. ALPHA-AMYLASE AND ALPHA-GLUCOSIDASE INHIBITORY EFFECTS OF CALLIANDRA HAEMATOCEPHALA AND ITS POTENTIAL ROLE IN DIABETES MELLITUS. **11**, (2018).

43. Brenner, S. A. & Romeo, J. T. Fungitoxic Effects of Nonprotein Imino Acids on Growth of Saprophytic Fungi Isolated from the Leaf Surface of Calliandra haematocephala. **51**, 690–693 (1986).

44. Tiwari, J. & Shukla, A. Investigations on Calliandra haematocephala flowers extract for in-vitro anthelmintic activity. **1**, 17–20 (2016).

45. Abo-elhamd, A. M. *et al.* Journal of Chemical and Pharmaceutical Research , 2016 , 8 ( 4 ): 828-845 Research Article. **8**, 828–845 (2016).

46. Ono, M., Saito, N., Minamishima, H., Yasuda, S. & Nohara, T. Two new glycosidic acids , calyhedic acids E and F , in crude resin glycoside fraction from Calystegia hederacea. *Nat. Prod. Res.* **0**, 1–8 (2020).

47. Ono, M. *et al.* Identification and characterization of organic and glycosidic acids in crude resin glycoside fraction from Calystegia hederacea. *J. Nat. Med.* (2019) doi:10.1007/s11418-019-01366-9.

48. Reto, M., Figueira, M. E., Filipe, H. M. & Almeida, C. M. M. Chemical composition of green tea (Camellia sinensis) infusions commercialized in Portugal. *Plant Foods Hum. Nutr.* **62**, 139–144 (2007).

49. Zhang, L. *et al.* Chemistry and Biological Activities of Processed Camellia sinensis Teas: A Comprehensive Review. *Compr. Rev. Food Sci. Food Saf.* **18**, 1474–1495 (2019).

50. Wang, Y. S. *et al.* Influence of shade on flavonoid biosynthesis in tea (Camellia sinensis (L.) O. Kuntze). *Sci. Hortic. (Amsterdam).* **141**, 7–16 (2012).

51. Meng, X. H. *et al.* C-8 N-Ethyl-2-pyrrolidinone-Substituted Flavan-3-ols from the Leaves of Camellia sinensis var. pubilimba. *J. Agric. Food Chem.* **66**, 7150–7155 (2018).

52. Koch, W., Zagórska, J., Marzec, Z. & Kukula-Koch, W. Applications of tea (Camellia sinensis) and its active constituents in cosmetics. *Molecules* **24**, 1–28 (2019).

53. Xia, X. *et al.* Isolation and Identification of Antioxidant Flavonoids from the Seeds of Cardiocrinum Giganteum var . Yunnanense. *Pharm Biomed Sci* **06**, 374–377 (2016).

54. Kumar, D., Gupta, N., Ghosh, R., Gaonkar, R. H. & Pal, B. C. a -Glucosidase and a -amylase inhibitory constituent of Carex baccans : Bio-assay guided isolation and quantification by validated RP-HPLC – DAD. *J. Funct. Foods* **5**, 211–218 (2012).