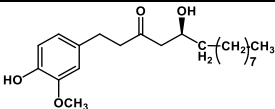
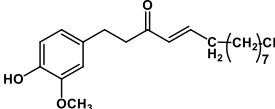
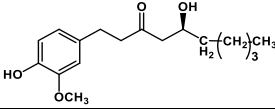
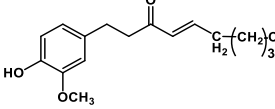
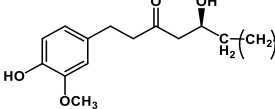
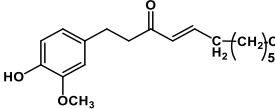
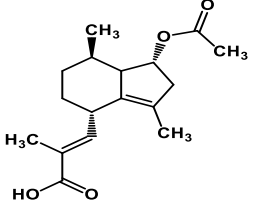
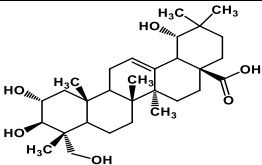
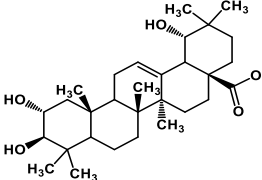
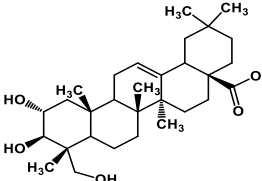
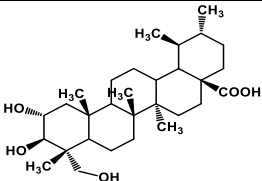
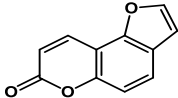
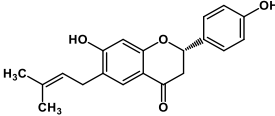
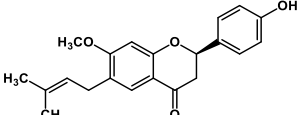
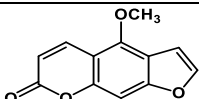
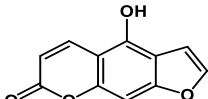
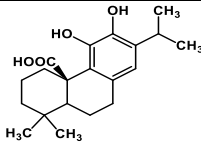
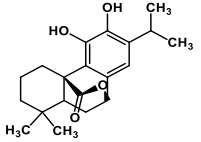
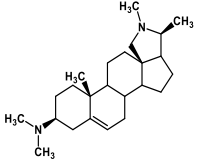
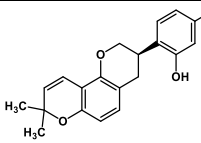
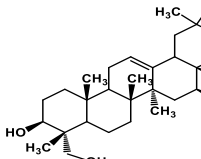
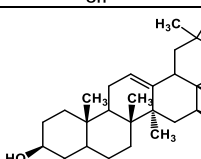
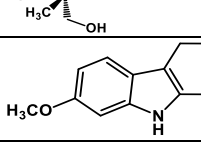
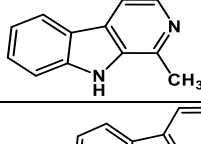
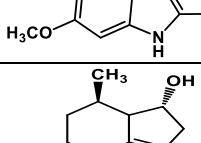
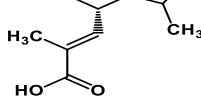


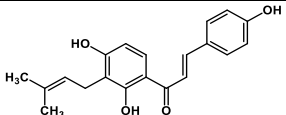
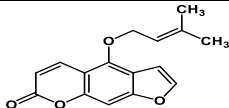
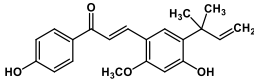
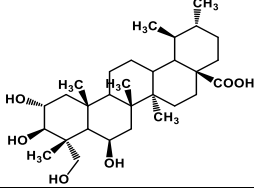
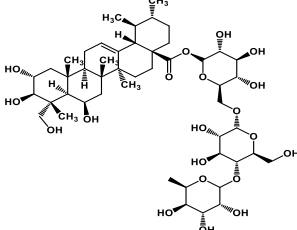
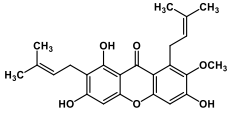
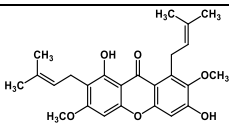
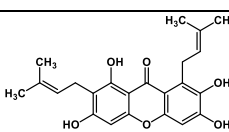
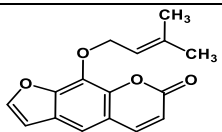
LIST OF PHYTOCHEMICALS WITH STRUCTURE AND ACTIVITY_NEW HORIZON BOTANICALS

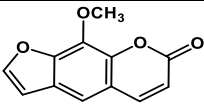
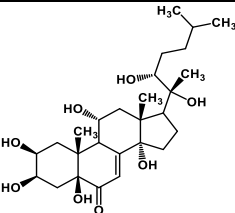
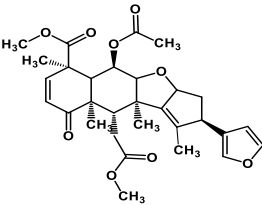
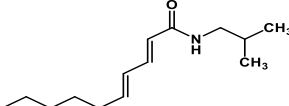
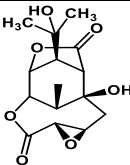
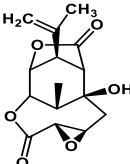
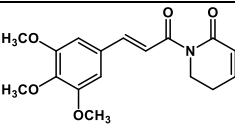
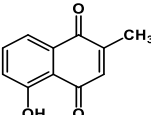
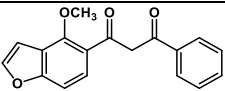
FUTURE PRODUCTS AVAILABLE FROM JAN 2027

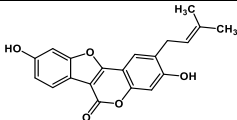
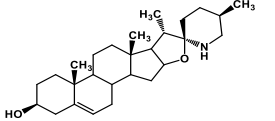
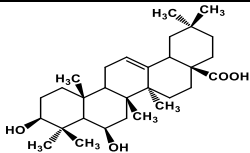
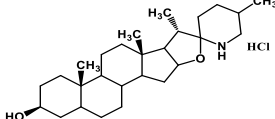
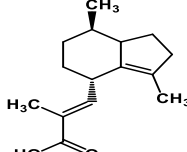
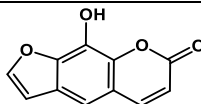
S. No	Name of the Phytochemical	Source/Host	Chemical Structure	CAS No.	Qty Available	CoA and Spectral Data	Functional Activity
1	10-Gingerol	Zingiber officinale		23513-15-7	-NA-	Under Processing	
2	10-Shogaol	Zingiber officinale		36752-54-2	-NA-	Under Processing	
3	6-Gingerol	Zingiber officinale		23513-14-6	-NA-	Under Processing	
4	6-Shogaol	Zingiber officinale		555-66-8	-NA-	Under Processing	
5	8-Gingerol	Zingiber officinale		23513-08-8	-NA-	Under Processing	
6	8-Shogaol	Zingiber officinale		36700-45-5	-NA-	Under Processing	
7	Acetoxyvalerenic acid	Valeriana wallichii		84638-55-1	-NA-	Under Processing	

8	Arjungenin	Terminalia arjuna		58880-25-4	-NA-	Under Processing	
9	Arjunic acid	Terminalia arjuna		31298-06-3	-NA-	Under Processing	
10	Arjunolic acid	Terminalia arjuna		465-00-9	-NA-	Under Processing	
11	Asiatic acid	Centella asiatica		464-92-6	-NA-	Under Processing	Apoptosis inducer Wound healing Neuroprotective Anti-inflammatory
12	Bakuchicin	Psoralea corylifolia		4412-93-5	-NA-	Under Processing	
13	Bavachin (Corylifolin)	Psoralea corylifolia		19879-32-4	-NA-	Under Processing	
14	Bavachinin	Psoralea corylifolia		19879-30-2	-NA-	Under Processing	
15	Bergapten (5-Methoxypsoralen)	Psoralea corylifolia		484-20-8	-NA-	Under Processing	Potent Anti-inflammatory Anti-tumor
16	Bergaptol (5-Hydroxypsoralen)	Psoralea corylifolia		486-60-2	-NA-	Under Processing	Anti-proliferative and Anti-cancer Anti-inflammatory Anti-atherogenic Cytochrome P450 inhibitor

17	Carnosic acid	Rosmarinus officinalis		3650-09-7	-NA-	Under Processing	Neuroprotective Anti-inflammatory Anti-cancer
18	Carnosol	Rosmarinus officinalis		5957-80-2	-NA-	Under Processing	Anti-oxidant Anti-inflammatory Anti-cancer
19	Conessine (Wrightine;Nervine;)	Holarrhena antidysenterica		546-06-5	-NA-	Under Processing	Anti-histamine
20	Glabridin	Glycyrrhiza glabra		59870-68-7	-NA-	Under Processing	Anti-inflammatory, Anti-aging, anti-oxidant, Neuroprotective
21	Gymnemagenin	22467-07-8		22467-07-8	-NA-	Under Processing	Anti-diabetic, anti-obesity, Anti-viral
22	Gymnestrogenin	19942-02-0		19942-02-0	-NA-	Under Processing	LXR antagonist, Anti-diabetic,
23	Harmaline	Peganum harmala		304-21-2	-NA-	Under Processing	
24	Harmane	Peganum harmala		486-84-0	-NA-	Under Processing	
25	Harmine	Peganum harmala		442-51-3	-NA-	Under Processing	
26	Hydroxyvalerenic acid	Valariana wallichii		1619-16-5	-NA-	Under Processing	

27	Isobavachalcone	Psoralea corylifolia		20784-50-3	-NA-	Under Processing	
28	Isoimperatorine	Aegle marmelos		482-45-1	-NA-	Under Processing	
29	Licochalcone A	Glycyrrhiza glabra		58749-22-7	-NA-	Under Processing	Anti-tumor, Anti-parasitic, Anti-inflammatory
30	Madecassic acid	Centella asiatica		18449-41-7	-NA-	Under Processing	Anti-inflammatory, Immunomodulator,
31	Madecassoside	Centella asiatica		34540-22-2	-NA-	Under Processing	Anti-inflammatory, Anti-oxidant, Wound healing, Anti-aging,
32	Mangostin alpha	Garcinia mangostana		6147-11-1	-NA-	Under Processing	Anti-oxidant, Anti-allergic, Anti-viral, Anti-bacterial, Anti-inflammatory , Anti-cancer
33	Mangostin beta	Garcinia mangostana		20931-37-7	-NA-	Under Processing	Anti-bacterial, Anti-malarial, Anti-mycobacterial, Anti-malarial, Anti-cancer
34	Mangostin gama	Garcinia mangostana		31271-07-5	-NA-	Under Processing	Epoxidase 2 (COX-2) inhibitor, Transthyroxin protein (TTR) profibrosis inhibitor Anti-inflammatory, Anti-bacterial, Anti-oxidant, Anti-cancer
35	Marmelosine (Imperatorine)	Aegle marmelos		482-44-0	-NA-	Under Processing	

36	Methoxsalen (Xanthotoxin)	Ammi majus		298-81-7	-NA-	Under Processing	Inhibitor of cytochrome P450 Anti-psoriasis and eczema Skin cancer treatment
37	Muristerone A (Mur A)	Ipomoea hederacea		38778-30-2	-NA-	Under Processing	Gene expression Ecdysteroid receptor of agonist
38	Nimbin	Azadirachta indica		5945-86-8	-NA-	Under Processing	Anti-bacterial Anti-oxidant Anti-inflammatory Anti-cancer
39	Pellitorine	Piper longum		18836-52-7	-NA-	Under Processing	Anti cancer
40	Picrotin	Anamirta cocculus		21416-53-5	-NA-	Under Processing	Biomarker of Schistosoma mekongi. Influenza virus polymerase inhibitor Antagonist of GlyRs
41	Picrotoxinin	Anamirta cocculus		17617-45-7	-NA-	Under Processing	Convulsant GABA receptor antagonist
42	Piperlongumine	Piper longum		20069-09-4	-NA-	Under Processing	Anti-cancer, neurodegenerative
43	Plumbagin	Plumbago zeylanica		481-42-5	-NA-	Under Processing	Anti-cancer Anti-proliferative
44	Pongamol	Pongamia pinnata		484-33-3	-NA-	Under Processing	Neuroprotectant, Anti-oxidant, Anti-inflammatory, Anti-bacterial

45	Psoralidin	Psoralea corylifolia		18642-23-4	-NA-	Under Processing	
46	Solasodine	Solanum nigrum		126-17-0	-NA-	Under Processing	MDM2 inhibitor Anti-inflammatory Anti-proliferative Neuroprotective
47	Sumerasinolic acid	Myroxylon balsamum		559-64-8	-NA-	Under Processing	
48	Tomatidine	Solanum lycopersicum		6192-62-7	-NA-	Under Processing	
49	Valerenic acid	Valeriana wallichii		3569-10-6	-NA-	Under Processing	
50	Xanthotoxol (8-Hydroxypsoralen)	Ammi majus		2009-24-7	-NA-	Under Processing	Neurodegenerative, Anti-inflammatory, Anti-tumor