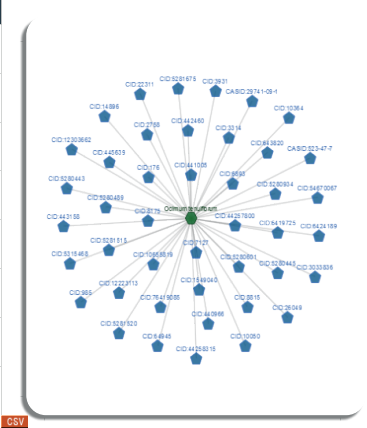


A Ocimum tenuiflorum
Kingdom: Plantae
Family: Lamiaceae
More Information:

PlantList Tropicos FRLHT

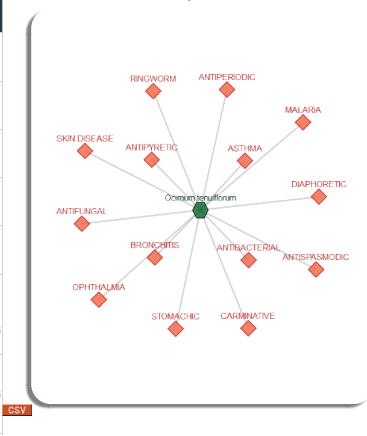
INDIAN MEDICINAL PLANT	PHYTOCHEMICAL IDENTIFIER	PHYTOCHEMICAL NAME	REFERENCES
Ocimum tenuiflorum	CID:12303662	Phytosterols	ISBN:9788171360536
Ocimum tenuiflorum	CID:440966	(-)-camphene	ISBN:9788171360536
Ocimum tenuiflorum	CID:443158	(-)-Linalool	DOI:10.15482/USDA.ADC/1239279
Ocimum tenuiflorum	CID:441005	(+)-delta-Cadinene	DOI:10.15482/USDA.ADC/1239279
Ocimum tenuiflorum	CID:442460	(1S,2R,4S)-(-)-Borneyl acetate	ISBN:9788171360536
Ocimum tenuiflorum	CID:10050	(1S)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	ISBN:9788171360536
Ocimum tenuiflorum	CID:5315468	(E)-alpha-bisabolene	DOI:10.15482/USDA.ADC/1239279
Ocimum tenuiflorum	CID:6424189	1-(4-Hydroxy-3-Methoxyphenyl)-1,2,3-Tris(4-Allyl-2-Methoxyphenoxy)Propane	DOI:10.15482/USDA.ADC/1239279

Cytoscape network of Indian Medicinal Plant and its known phytochemicals



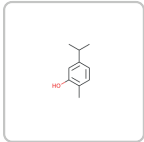
INDIAN MEDICINAL PLANT	THERAPEUTIC USE	THERAPEUTIC IDENTIFIER	REFERENCES
Ocimum tenuiflorum	ANTIBACTERIAL		ISBN:978-0-387-70637-5
Ocimum tenuiflorum	ANTIFUNGAL	DOID:1564	ISBN:978-0-387-70637-5
Ocimum tenuiflorum	ANTIPEIODIC		ISBN:978-0-387-70637-5
Ocimum tenuiflorum	ANTIPIRETIC	DOID:11100	ISBN:978-0-387-70637-5
Ocimum tenuiflorum	ANTISPASMODIC		ISBN:978-0-387-70637-5
Ocimum tenuiflorum	ASTHMA	MESH:D001249, MESH:D001250, MESH:D016535, UMLS:C0004096, UMLS:C0004099, UMLS:C0085129, UMLS:C0155883, DOID:2841	ISBN:978-0-387-70637-5, ISBN:9788171360536
Ocimum tenuiflorum	BRONCHITIS	MESH:D001991, MESH:D029481, UMLS:C0006277, UMLS:C0008677, UMLS:C0149514, UMLS:C2939171, DOID:6132	ISBN:9788171360536

Cytoscape network of Indian Medicinal Plant and its therapeutic uses



B

CARVACROL



View 3D structure using JSmol
Download structure:

2D: 2D MOL 2D MOL2 2D SDF

3D: 3D MOL 3D MOL2 3D SDF 3D PDB 3D PDBOT

Chemical kingdom: Organic compounds
Super class: Lipids and lipid-like molecules
Class: Prenol lipids
Subclass: Monoterpenoids
PubChem Identifier: 10364
ChEBI Identifier: 3440
CAS Identifier: 499-75-2
Synonyms: CARVACROL; ACETYLGITOXINS
Canonical SMILES: CC(c1ccc(c(c1)O)C)C
InChI Key: RECUKUPTGUEGMW-UHFFFAOYSA-N

Physicochemical Properties

Property	Value
Molecular weight	150.22 g/mol
LogP	2.82
LogD	3.43
LogSw	-3.08
Number of stereocenters	0
Stereochemical complexity	0.000
Fsp3	0.400
Topological polar surface area	20.23 Å²

D

Physicochemical properties Druggability filters Chemical similarity filter

Molecular weight (g/mol) Is equal to <input type="text"/>	LogP Is equal to <input type="text"/>	Topological polar surface area (Å²) Is equal to <input type="text"/>	Number of hydrogen bond acceptor Is equal to <input type="text"/>
Number of hydrogen bond donors Is equal to <input type="text"/>	Number of heavy atoms Is equal to <input type="text"/>	Number of heteroatoms Is equal to <input type="text"/>	Number of rigid bonds Is equal to <input type="text"/>
Number of rotatable bonds Is equal to <input type="text"/>	Stereochemical complexity Is equal to <input type="text"/>	Fsp3 Is equal to <input type="text"/>	<input type="button" value="Apply"/>

Select any filter and click on Apply to see results

Physicochemical properties Druggability filters Chemical similarity filter

Lipinski RO5 violation - Any -	Oral PhysChem score - Any -	GSK 4/400 - Any -	Pfizer 3/75 - Any -	Veber rule - Any -	Egan rule - Any -	QEDw Is equal to <input type="text"/>	<input type="button" value="Apply"/>
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Select any filter and click on Apply to see results

Physicochemical properties Druggability filters Chemical similarity filter

Enter SMILES *

Choose Fingerprint *

Submit