

Product Information

Dipsacoside B

Cat. No.: X23-04-XQ460

Size: 20 mg; 50 mg; 100 mg; 200 mg

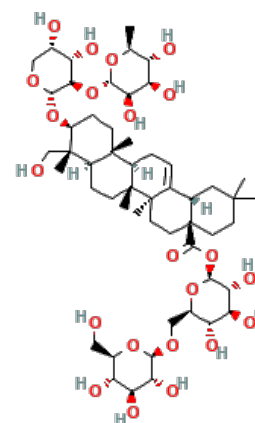
MDL: MFCD03424249

CAS Number: 33289-85-9

Compound CID: 21627940

Synonym: 33289-85-9; Dipsacoside B; Glycoside L-G3; Tauroside G3; DipsacosideB

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Dipsacoside B is a major bioactive saponin, which can be used as a marker.
Molecular Weight	1074.56
Molecular Formula	C ₅₃ H ₈₆ O ₂₂
IUPAC Name	[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[[[(2R,3R,4S,5S,6R)-3,4,5-Trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl](4aS,6aR,6aS,6bR,8aR,9R,10S,12aR,14bS)-10-[(2S,3R,4S,5S)-4,5-dihydroxy-3-[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxyoxan-2-yl]oxy-9-(hydroxymethyl)-2,2,6a,6b,9,12a-hexamethyl-1,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydronicene-4a-carboxylate
InChI	InChI=1S/C53H86O22/c1-23-32(57)36(61)40(65)44(70-23)74-42-33(58)26(56)20-68-46(42)73-31-11-12-49(4)29(50(31,5)22-55)10-13-52(7)30(49)9-8-24-25-18-48(2,3)14-16-53(25,17-15-51(24,52)6)47(67)75-45-41(66)38(63)35(60)28(72-45)21-69-43-39(64)37(62)34(59)27(19-54)71-43/h8,23,25-46,54-66H,9-22H2,1-7H3/t23-,25-,26-,27+,28+,29+,30+,31-,32-,33-,34+,35+,36+,37-,38-,39+,40+,41+,42+,43+,44-,45-,46-,49-,50-,51+,52+,53-/m0/s1
InChI Key	GFPLPBCJRRNZHM-ICUGHKHQSA-N
Canonical SMILES	CC1C(C(C(C(O)OC2C(C(COC2OC3CCC4(C(C3(C)CO)CCC5(C4CC=C6C5(CCC7(C6CC(CC7)(C)C)C(=O)OC8C(C(C(C(O8)COC9C(C(C(C(O9)CO)O)O)O)O)O)C)C)C)O)O)O)O)O
Isomeric SMILES	C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)O[C@@H]2[C@H]([C@H](CO[C@H]2O[C@H]3CC[C@]4([C@H]([C@]3(C)CO)CC[C@@]5([C@@H]4CC=C6[C@]5(CC[C@@]7([C@H]6CC(CC7)(C)C)C(=O)O[C@H]8[C@@H]([C@H]([C@@H]([C@H](O8)CO)O)O)O)O)O)O)O)O)O)O)O
Source	Dried buds and early blooms of <i>Lonicara confusa</i> DC



Form	Grayish yellow crystal
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Melting Point	235-236°C
Applications	Dipsacoside B can be used for the study of enhancing immunity, promoting tissue regeneration and relieving pain, <i>etc.</i>
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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