Hosenkoside C

Cat. No.: HY-N2251

CAS No.: 156764-83-9

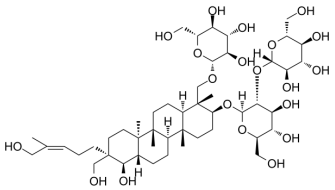
Molecular Formula: $C_{48}H_{82}O_{20}$

Molecular Weight: 979.15

Target: Others

Pathway: Others

Storage: -20°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (102.13 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.0213 mL	5.1065 mL	10.2129 mL
	5 mM	0.2043 mL	1.0213 mL	2.0426 mL
	10 mM	0.1021 mL	0.5106 mL	1.0213 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (2.55 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (2.55 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (2.55 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Hosenkoside C is a baccharane glycoside isolated from the seeds of Impatiens balsamina[1].

REFERENCES

[1]. Noboru Shoji, et al. Hosenkosides A, B, C, D, and E, novel baccharane glycosides from the seeds of Impatiens balsamina. Tetrahedron. 50, (17),1994 Apr:4973-4986.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA