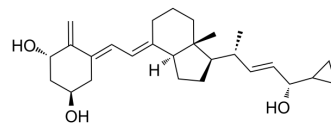


Calcipotriol Impurity C

Cat. No.:	HY-75035
CAS No.:	113082-99-8
Molecular Formula:	C ₂₇ H ₄₀ O ₃
Molecular Weight:	412.6
Target:	VD/VDR
Pathway:	Vitamin D Related
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (242.37 mM)
* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4237 mL	12.1183 mL	24.2365 mL
5 mM	0.4847 mL	2.4237 mL	4.8473 mL
10 mM	0.2424 mL	1.2118 mL	2.4237 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Calcipotriol Impurity C is the impurity of Calcipotriol, Calcipotriol is a ligand of VDR-like receptors. Target: VDR

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

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