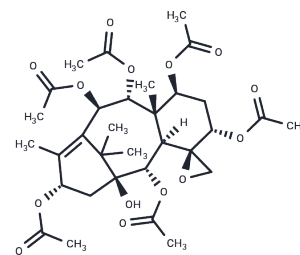


1-Hydroxybaccatin I

Chemical Properties

CAS No. :	30244-37-2
Formula:	C32H44O14
Molecular Weight:	652.68
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Hydroxybaccatin I possesses significant antinociceptive activity against p-benzoquinone-induced abdominal contractions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (16.85 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5321 mL	7.6607 mL	15.3214 mL
5 mM	0.3064 mL	1.5321 mL	3.0643 mL
10 mM	0.1532 mL	0.7661 mL	1.5321 mL
50 mM	0.0306 mL	0.1532 mL	0.3064 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhang Y, Wiese L, Fang H, et al. Synthetic biology identifies the minimal gene set required for Paclitaxel biosynthesis in a plant chassis. *Molecular Plant*. 2023

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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