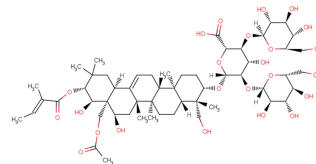


Isoescsin IA

Chemical Properties

CAS No.:	219944-39-5
Formula:	C ₅₅ H ₈₆ O ₂₄
Molecular Weight:	1131.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Isoescsin IA is a triterpenoid saponin isolated from the seeds of <i>Aesculus chinensis</i> . It has anti-HIV-1 protease activity.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.884 mL	4.42 mL	8.84 mL
5 mM	0.177 mL	0.884 mL	1.768 mL
10 mM	0.088 mL	0.442 mL	0.884 mL
50 mM	0.018 mL	0.088 mL	0.177 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Yang XW, et al. Anti-HIV-1 protease triterpenoid saponins from the seeds of *Aesculus chinensis*. J Nat Prod. 1999 Nov;62(11):1510-3.

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