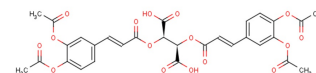


HIV-1 integrase inhibitor 7

Chemical Properties

CAS No.:	204268-03-1
Formula:	C ₃₀ H ₂₆ O ₁₆
Molecular Weight:	642.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	HIV-1 integrase inhibitor 7 is a potent HIV-1 integrase inhibitor (IC ₅₀ : 33.3 nM).
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	1.556 mL	7.782 mL	15.564 mL
5 mM	0.311 mL	1.556 mL	3.113 mL
10 mM	0.156 mL	0.778 mL	1.556 mL
50 mM	0.031 mL	0.156 mL	0.311 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. Saíz-Urra L, et al. Quantitative structure-activity relationship studies of HIV-1 integrase inhibition. 1. GETAWAY descriptors. Eur J Med Chem. 2007 Jan;42(1):64-70.

Inhibitors · Natural Compounds · Compound Libraries

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