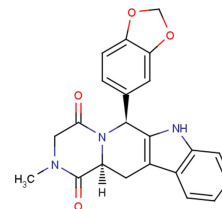


ent-Tadalafil

Chemical Properties

CAS No.:	629652-72-8
Formula:	C ₂₂ H ₁₉ N ₃ O ₄
Molecular Weight:	389.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	ent-Tadalafil (ent-IC-351), compound (6S,12aS), is a inactive cis-enantiomer of compound (6R,12aS).
Targets(IC ₅₀)	PDE5: 10 µM

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	2.568 mL	12.84 mL	25.681 mL
5 mM	0.514 mL	2.568 mL	5.136 mL
10 mM	0.257 mL	1.284 mL	2.568 mL
50 mM	0.051 mL	0.257 mL	0.514 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. Daugan A, et al. The discovery of tadalafil: a novel and highly selective PDE5 inhibitor. 2: 2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indole-1,4-dione analogues. J Med Chem. 2003 Oct 9;46(21):4533-42.

Inhibitors · Natural Compounds · Compound Libraries

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