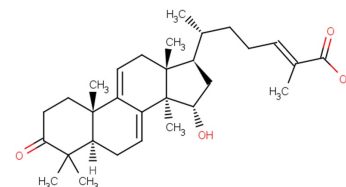


Data Sheet (Cat.No.T11364)

Ganoderic acid TR

Chemical Properties

CAS No.:	862893-75-2
Formula:	C ₃₀ H ₄₄ O ₄
Molecular Weight:	468.67
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Ganoderic acid TR is a broad-spectrum inhibitor against influenza neuraminidases (NAs), particularly H1N1 and H5N1 neuraminidases. The IC ₅₀ values of 4.6 and 10.9 μM, respectively.
Targets(IC ₅₀)	H5N1: 10.9 H1N1: 4.6 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	2.134 mL	10.668 mL	21.337 mL
5 mM	0.427 mL	2.134 mL	4.267 mL
10 mM	0.213 mL	1.067 mL	2.134 mL
50 mM	0.043 mL	0.213 mL	0.427 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. Zhu Q, et al. Inhibition of neuraminidase by Ganoderma triterpenoids and implications for neuraminidase inhibitor design. Sci Rep. 2015 Aug 26;5:13194.

Inhibitors · Natural Compounds · Compound Libraries

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