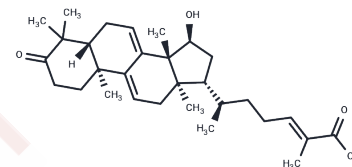


Ganoderic acid TR

Chemical Properties

CAS No. :	862893-75-2
Formula:	C ₃₀ H ₄₄ O ₄
Molecular Weight:	468.67
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ganoderic acid TR is a broad-spectrum inhibitor of influenza neuraminidases (NAs), particularly H1N1 and H5N1 neuraminidases, with IC ₅₀ values of 4.6 and 10.9 μM, respectively.
Targets(IC ₅₀)	Antiviral, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1337 mL	10.6685 mL	21.337 mL
5 mM	0.4267 mL	2.1337 mL	4.2674 mL
10 mM	0.2134 mL	1.0668 mL	2.1337 mL
50 mM	0.0427 mL	0.2134 mL	0.4267 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhu Q, et al. Inhibition of neuraminidase by Ganoderma triterpenoids and implications for neuraminidase inhibitor design. Sci Rep. 2015 Aug 26;5:13194.

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