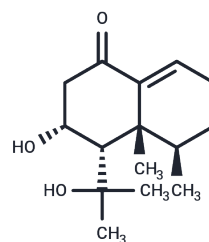


Nardosinonediol

Chemical Properties

CAS No. :	20489-11-6
Formula:	C ₁₅ H ₂₄ O ₃
Molecular Weight:	252.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nardosinonediol (Tetrahydronardosinon) is a natural compound derived from Nardostachys jatamansi that acts as a serotonin transporter (SERT) inhibitor, regulating serotonin levels and thus exerting antidepressant effects.
Targets(IC50)	5-HT Receptor, Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9628 mL	19.8138 mL	39.6275 mL
5 mM	0.7926 mL	3.9628 mL	7.9255 mL
10 mM	0.3963 mL	1.9814 mL	3.9628 mL
50 mM	0.0793 mL	0.3963 mL	0.7926 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

- Li R, et al. Antidepressant activities and regulative effects on serotonin transporter of Nardostachys jatamansi DC. J Ethnopharmacol. 2021 Mar 25;268:113601.
- Chen M, et al. Chemical components, pharmacological properties, and nanoparticulate delivery systems of Brucea javanica. Int J Nanomedicine. 2013;8:85-92.

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