

Tetrandrine 2'-N- α -oxide

Chemical Properties

CAS No. :	90365-80-3
Formula:	C ₃₈ H ₄₂ N ₂ O ₇
Molecular Weight:	638.76
Storage:	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	Tetrandrine 2'-N- α -oxide (compound 13) is a bisbenzylisoquinoline alkaloid with anti-inflammatory properties, isolated from the roots of <i>Stephania tetrandra</i> . It is applicable in research related to inflammation-related diseases.
Targets(IC50)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5655 mL	7.8277 mL	15.6553 mL
5 mM	0.3131 mL	1.5655 mL	3.1311 mL
10 mM	0.1566 mL	0.7828 mL	1.5655 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 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.

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