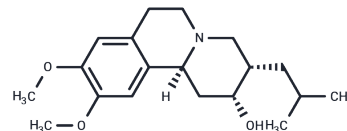


(2R,3S,11bS)-Dihydrotetrabenazine

Chemical Properties

CAS No. :	924854-62-6
Formula:	C ₁₉ H ₂₉ NO ₃
Molecular Weight:	319.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(2R,3S,11bS)-9,10-dimethoxy-3-(2-methylpropyl)-1H,2H,3H,4H,6H,7H,11bH-pyrido[2,1-a]isoquinolin-2-ol is an impurity of Tetrabenazine, which is a VMAT inhibitor used in the treatment of hyperkinetic movement disorder.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (156.52 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1305 mL	15.6524 mL	31.3048 mL
5 mM	0.6261 mL	3.1305 mL	6.261 mL
10 mM	0.313 mL	1.5652 mL	3.1305 mL
50 mM	0.0626 mL	0.313 mL	0.6261 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.

Reference

Yero T, Rey JA. Tetrabenazine (Xenazine), An FDA-Approved Treatment Option For Huntington's Disease-Related Chorea. P T. 2008 Dec;33(12):690-4.

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