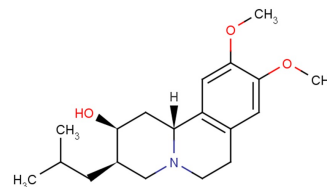


Tetrabenazine Metabolite

Chemical Properties

CAS No.:	924854-60-4
Formula:	C ₁₉ H ₂₉ NO ₃
Molecular Weight:	319.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Tetrabenazine Metabolite is an active Tetrabenazine metabolite. Tetrabenazine Metabolite is a inhibitor of vesicular monoamine transporter 2 (VMAT2) (K _i =13.4 nM).
Targets(IC ₅₀)	Others: None

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	3.13 mL	15.652 mL	31.305 mL
5 mM	0.626 mL	3.13 mL	6.261 mL
10 mM	0.313 mL	1.565 mL	3.13 mL
50 mM	0.063 mL	0.313 mL	0.626 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. Yao Z, et al. Preparation and evaluation of tetrabenazine enantiomers and all eight stereoisomers of dihydrotetrabenazine as VMAT2 inhibitors. Eur J Med Chem. 2011 May;46(5):1841-8.

Inhibitors · Natural Compounds · Compound Libraries

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