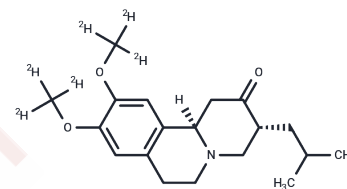


(3R,11bR)-Tetrabenazine-D6

Chemical Properties

CAS No. : 1977511-05-9
 Formula: C₁₉H₂₁D₆NO₃
 Molecular Weight: 323.46
 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	(3R,11bR)-Tetrabenazine-D6 is a deuterated compound of (3R,11bR)-Tetrabenazine (T13134). (3R,11bR)-Tetrabenazine has a CAS number of 1026016-83-0. (+)-Tetrabenazine is a reversible vesicular monoamine transporter 2 (VMAT-2) inhibitor, inhibits transport by VMAT2 with 10-fold greater potency than transport by VMAT1.
Targets(IC50)	Monoamine Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0916 mL	15.4579 mL	30.9157 mL
5 mM	0.6183 mL	3.0916 mL	6.1831 mL
10 mM	0.3092 mL	1.5458 mL	3.0916 mL
50 mM	0.0618 mL	0.3092 mL	0.6183 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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