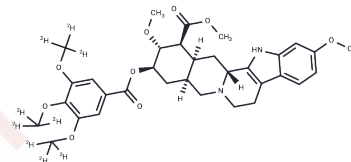


Reserpine-D9

Chemical Properties

CAS No. :	84759-11-5
Formula:	C33H31D9N2O9
Molecular Weight:	617.73
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	Reserpine-D9 is a deuterated compound of Reserpine. Reserpine (T0791) has a CAS number of 50-55-5. Reserpine (T0791) is an alkaloid found in the roots of Rauwolfia serpentina and R. vomitoria. Reserpine (T0791) inhibits the uptake of norepinephrine into storage vesicles resulting in depletion of catecholamines and serotonin from central and peripheral axon terminals. It has been used as an antihypertensive and an antipsychotic as well as a research tool, but its adverse effects limit its clinical use.
Targets(IC50)	Autophagy, Monoamine Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6188 mL	8.0942 mL	16.1883 mL
5 mM	0.3238 mL	1.6188 mL	3.2377 mL
10 mM	0.1619 mL	0.8094 mL	1.6188 mL
50 mM	0.0324 mL	0.1619 mL	0.3238 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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