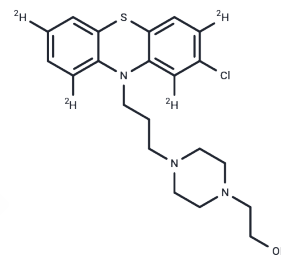


Perphenazine-D4

Chemical Properties

CAS No. :	155593-75-2
Formula:	C ₂₁ H ₂₂ D ₄ ClN ₃ O ₅
Molecular Weight:	407.99
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	Perphenazine-D4 is a deuterated compound of Perphenazine. Perphenazine (T1090) has a CAS number of 58-39-9. Perphenazine (T1090) is a phenothiazine derivative and a dopamine antagonist with antiemetic and antipsychotic properties.
Targets(IC50)	Apoptosis,5-HT Receptor,Adrenergic Receptor,Autophagy,Histamine Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.451 mL	12.2552 mL	24.5104 mL
5 mM	0.4902 mL	2.451 mL	4.9021 mL
10 mM	0.2451 mL	1.2255 mL	2.451 mL
50 mM	0.049 mL	0.2451 mL	0.4902 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.

Reference

Howard S. Smith, et al. Annals of palliative medicine. 2012, 1(2):137-142.

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