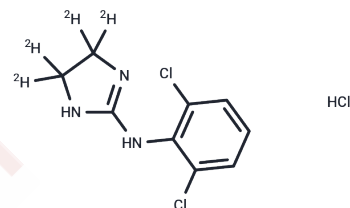


Clonidine-D4 hydrochloride

Chemical Properties

CAS No. :	67151-02-4
Formula:	C ₉ H ₆ D ₄ Cl ₃ N ₃
Molecular Weight:	270.58
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	Clonidine-D4 hydrochloride is a deuterated compound of Clonidine Hydrochloride. Clonidine Hydrochloride (T1247) has a CAS number of 4205-91-8. Clonidine is a centrally active alpha-adrenergic agonist used predominantly as an antihypertensive agent, usually in combination with other agents. Despite wide scale use for many years, clonidine has not been linked definitively to either serum aminotransferase elevations or clinically apparent liver injury.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6958 mL	18.4788 mL	36.9576 mL
5 mM	0.7392 mL	3.6958 mL	7.3915 mL
10 mM	0.3696 mL	1.8479 mL	3.6958 mL
50 mM	0.0739 mL	0.3696 mL	0.7392 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481