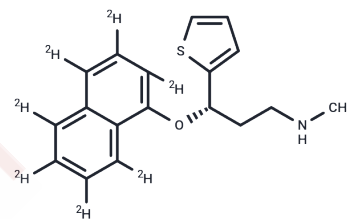


Duloxetine-D7

Chemical Properties

CAS No. :	919514-01-5
Formula:	C ₁₈ H ₁₂ D ₇ NOS
Molecular Weight:	304.46
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	Duloxetine-D7 is a deuterated compound of Duloxetine. Duloxetine (T7061) has a CAS number of 116539-59-4. Duloxetine (T7061) is an inhibitor of serotonin-norepinephrine reuptake (K _i of 4.6 nM), with treatment of major depressive disorder and generalized anxiety disorder.
Targets(IC50)	Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2845 mL	16.4225 mL	32.845 mL
5 mM	0.6569 mL	3.2845 mL	6.569 mL
10 mM	0.3285 mL	1.6423 mL	3.2845 mL
50 mM	0.0657 mL	0.3285 mL	0.6569 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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