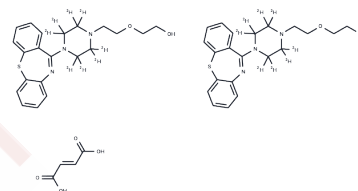


Quetiapine-D8 Hemifumarate

Chemical Properties

CAS No. : 1435938-24-1
 Formula: C₂₅H₂₁D₈N₃O₆S
 Molecular Weight: 507.63
 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	Quetiapine-D8 Hemifumarate is a deuterated compound of Quetiapine Hemifumarate. Quetiapine Hemifumarate (T6241) has a CAS number of 111974-72-2. Quetiapine Fumarate, an atypical antipsychotic, is used in the treatment of bipolar I mania, schizophrenia, bipolar II depression, bipolar I depression.
Targets(IC50)	5-HT Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9699 mL	9.8497 mL	19.6994 mL
5 mM	0.394 mL	1.9699 mL	3.9399 mL
10 mM	0.197 mL	0.985 mL	1.9699 mL
50 mM	0.0394 mL	0.197 mL	0.394 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

- Nemeroff CB, et al. J Clin Psychiatry, 2002, 63 Suppl 13, 5-11.

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