

Retigabine-D4

Chemical Properties

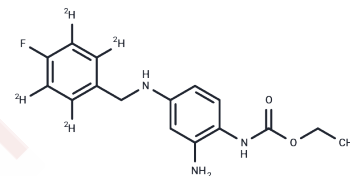
CAS No. : 1781825-04-4

Formula: C₁₆H₁₄D₄FN₃O₂

Molecular Weight: 307.36

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

Retigabine-D4 is a deuterated compound of Retigabine. Retigabine (T21487) has a CAS number of 150812-12-7. Retigabine (T21487) dihydrochloride is an anticonvulsant used as an adjunctive treatment for partial epilepsies in treatment-experienced adult patients. The mechanism of action involves opening of neuronal K (V)7.2-7.5 (formerly KCNQ2-5) voltage-activated K (+) channels.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2535 mL	16.2676 mL	32.5351 mL
5 mM	0.6507 mL	3.2535 mL	6.507 mL
10 mM	0.3254 mL	1.6268 mL	3.2535 mL
50 mM	0.0651 mL	0.3254 mL	0.6507 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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