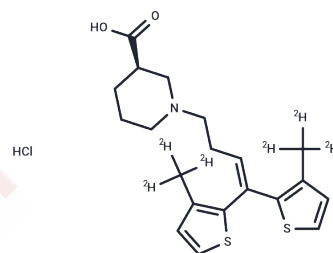


Tiagabine-D6 hydrochloride

Chemical Properties

CAS No. :	1217808-68-8
Formula:	C ₂₀ H ₂₀ D ₆ ClNO ₂ S ₂
Molecular Weight:	418.0396
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	Tiagabine-D6 hydrochloride is intended for use as an internal standard for the quantification of tiagabine by GC- or LC-MS. Tiagabine is an inhibitor of GABA transporter 1. It inhibits seizures induced by DMCM in mice. Tiagabine reduces allodynia in a rodent model of neuropathic pain when used at a dose of 72.8 μ mol/kg, and it acts synergistically with gabapentin to delay pain responses in mice in the hot plate test. Formulations containing tiagabine have been used as adjunctive therapies in the treatment of partial seizures.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3921 mL	11.9606 mL	23.9212 mL
5 mM	0.4784 mL	2.3921 mL	4.7842 mL
10 mM	0.2392 mL	1.1961 mL	2.3921 mL
50 mM	0.0478 mL	0.2392 mL	0.4784 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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