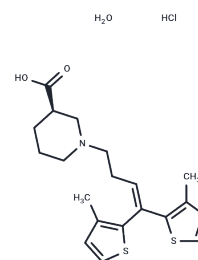


Tiagabine hydrochloride hydrate

Chemical Properties

CAS No. :	145821-57-4
Formula:	C ₂₀ H ₂₈ ClNO ₃ S ₂
Molecular Weight:	430.02
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 hydrochloride hydrate is a potent and selective inhibitor of GABA uptake, inhibiting [3H] GABA uptake in synaptosomes, neurons, and glia with IC ₅₀ values of 67, 446, and 182 nM, respectively. This hydrate can be used as an anticonvulsant.
Targets(IC ₅₀)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3255 mL	11.6274 mL	23.2547 mL
5 mM	0.4651 mL	2.3255 mL	4.6509 mL
10 mM	0.2325 mL	1.1627 mL	2.3255 mL
50 mM	0.0465 mL	0.2325 mL	0.4651 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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