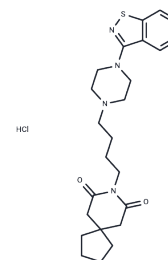


Tiaspirone hydrochloride

Chemical Properties

CAS No. :	87691-92-7
Formula:	C ₂₄ H ₃₃ ClN ₄ O ₂ S
Molecular Weight:	477.06
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	Tiaspirone hydrochloride (BMY-13859 hydrochloride) exhibits antipsychotic activity. Tiaspirone hydrochloride influences the electrophysiological activity of dopaminergic neurons in the substantia nigra zona compacta (A9 DA cells) and ventral tegmental area (A10 DA cells) in the brain of the rat.
Targets(IC50)	Others,5-HT Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0962 mL	10.4809 mL	20.9617 mL
5 mM	0.4192 mL	2.0962 mL	4.1923 mL
10 mM	0.2096 mL	1.0481 mL	2.0962 mL
50 mM	0.0419 mL	0.2096 mL	0.4192 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

White FJ, et al. Effects of tiaspirone (BMY-13859) and a chemical congener (BMY-13980) on A9 and A10 dopamine neurons in the rat. *Neuropharmacology*. 1986 Sep;25(9):995-1001.

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