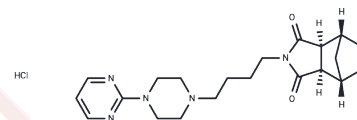


Tandospirone hydrochloride

Chemical Properties

CAS No. : 99095-10-0
 Formula: C₂₁H₃₀ClN₅O₂
 Molecular Weight: 419.95
 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	Tandospirone (SM-3997) hydrochloride is a potent and selective 5-HT _{1A} receptor partial agonist (K _i : 27 nM), exhibiting both anxiolytic and antidepressant activities. It serves as a useful compound for studying central nervous system disorders and their underlying mechanisms.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3812 mL	11.9062 mL	23.8124 mL
5 mM	0.4762 mL	2.3812 mL	4.7625 mL
10 mM	0.2381 mL	1.1906 mL	2.3812 mL
50 mM	0.0476 mL	0.2381 mL	0.4762 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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