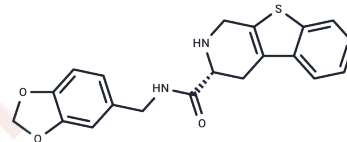


AP-521 (Free base)

Chemical Properties

CAS No. : 151227-58-6
 Formula: C₂₀H₁₈N₂O₃S
 Molecular Weight: 366.43
 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	AP-521, a 5-HT _{1A} receptor antagonist, is used potentially for the treatment of anxiety.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.729 mL	13.6452 mL	27.2903 mL
5 mM	0.5458 mL	2.729 mL	5.4581 mL
10 mM	0.2729 mL	1.3645 mL	2.729 mL
50 mM	0.0546 mL	0.2729 mL	0.5458 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

Kasahara K, Hashimoto S, Hattori T, Kawasaki K, Tsujita R, Nakazono O, Takao K, Kawakubo H, Nagatani T. The effects of AP521, a novel anxiolytic drug, in three anxiety models and on serotonergic neural transmission in rats. J Pharmacol Sci. 2015 Jan;127(1):109-16. doi: 10.1016/j.jphs.2014.11.008. PubMed PMID: 25704026.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481