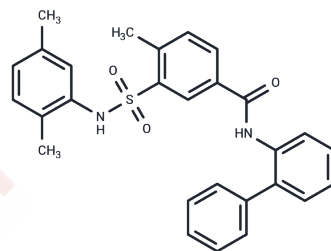


SF-22

Chemical Properties

CAS No. : 824981-55-7
 Formula: C₂₈H₂₆N₂O₃
 Molecular Weight: 470.58
 Storage: Store at low temperature
 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	SF-22 is a neuropeptide Y receptor (Y2R) antagonist that crosses the blood-brain barrier and has potential anti-inflammatory activity for the study of diseases associated with neurological disorders.
Targets(IC50)	Neuropeptide Y Receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (212.5 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.125 mL	10.625 mL	21.2504 mL
5 mM	0.425 mL	2.125 mL	4.2501 mL
10 mM	0.2125 mL	1.0625 mL	2.125 mL
50 mM	0.0425 mL	0.2125 mL	0.425 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

P Brothers, et al. Selective and brain penetrant neuropeptide y2 receptor antagonists discovered by whole-cell high-throughput screeningShaun. Mol Pharmacol. 2010 Jan;77(1):46-57.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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