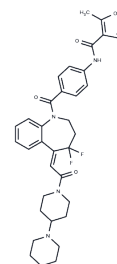


YM 218

Chemical Properties

CAS No. : 387816-81-1
 Formula: C₃₅H₃₈F₂N₄O₄
 Molecular Weight: 616.7
 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	YM 218 is a novel, potent, selective antagonist of nonpeptide vasopressin V1A receptor.
Targets(IC50)	Others, Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6215 mL	8.1077 mL	16.2153 mL
5 mM	0.3243 mL	1.6215 mL	3.2431 mL
10 mM	0.1622 mL	0.8108 mL	1.6215 mL
50 mM	0.0324 mL	0.1622 mL	0.3243 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

Tahara A, Tsukada J, Tomura Y, Suzuki T, Yatsu T, Shibasaki M. Effect of YM218, a nonpeptide vasopressin V(1A) receptor-selective antagonist, on rat mesangial cell hyperplasia and hypertrophy. *Vascul Pharmacol.* 2007 Jun;46(6):463-9. Epub 2007 Mar 1. PubMed PMID: 17395547.

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