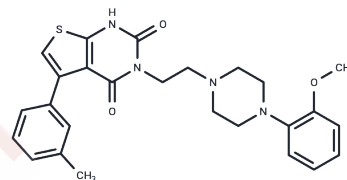


A-123189

## Chemical Properties

CAS No. : 255713-53-2  
 Formula: C<sub>26</sub>H<sub>28</sub>N<sub>4</sub>O<sub>3</sub>S  
 Molecular Weight: 476.59  
 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	A-123189 is a potent, alpha1D-selective antagonist.
Targets(IC50)	Others,Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0982 mL	10.4912 mL	20.9824 mL
5 mM	0.4196 mL	2.0982 mL	4.1965 mL
10 mM	0.2098 mL	1.0491 mL	2.0982 mL
50 mM	0.042 mL	0.2098 mL	0.4196 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

Carroll WA, Sippy KB, Esbenshade TA, Buckner SA, Hancock AA, Meyer MD. Two novel and potent 3-[(o-methoxyphenyl)piperazinylethyl]-5-phenylthien. Bioorg Med Chem Lett. 2001 May 7;11(9):1119-21. PubMed PMID: 11354357.

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