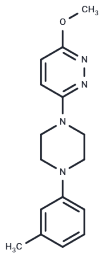
Data Sheet (Cat.No.T26020)

TargetMol

R 61837

Chemical Properties



CAS No. : 100241-46-1

Formula: C16H20N4O

Molecular Weight: 284.36

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	R 61837 is a novel rhinovirus inhibitor, a substituted phenylpyridazinamine, with antiviral activity.
Targets(IC50)	Others,Antiviral,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5167 mL	17.5833 mL	35.1667 mL
5 mM	0.7033 mL	3.5167 mL	7.0333 mL
10 mM	0.3517 mL	1.7583 mL	3.5167 mL
50 mM	0.0703 mL	0.3517 mL	0.7033 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

Moeremans M,et al. Study of the parameters of binding of R 61837 to human rhinovirus 9 and immunobiochemical evidence of capsid-stabilizing activity of the compound. Antimicrob Agents Chemother. 1992 Feb;36(2):417-24.

Andries K, et al. In vitro activity of R 61837, a new antirhinovirus compound. Arch Virol. 1988;101(3-4):155-67.

Chapman MS, et al. Human rhinovirus 14 complexed with antiviral compound R 61837. J Mol Biol. 1991 Feb 5;217 (3):455-63.

Meanwell NA. The pyridazine heterocycle in molecular recognition and drug discovery. Med Chem Res. 2023 Mar 15:1-69.

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