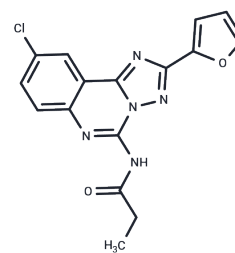


MRS1186

## Chemical Properties

CAS No. : 183721-03-1  
 Formula: C<sub>16</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 341.75  
 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	MRS1186 is an effective and selective antagonist of the human Adenosine A <sub>3</sub> receptor (K <sub>i</sub> : 7.66 nM).
Targets(IC <sub>50</sub> )	Others, Adenosine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9261 mL	14.6306 mL	29.2612 mL
5 mM	0.5852 mL	2.9261 mL	5.8522 mL
10 mM	0.2926 mL	1.4631 mL	2.9261 mL
50 mM	0.0585 mL	0.2926 mL	0.5852 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

Tafi A, et al. Pharmacophore based receptor modeling: the case of adenosine A<sub>3</sub> receptor antagonists. An approach to the optimization of protein models. J Med Chem. 2006 Jul 13;49(14):4085-97.

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