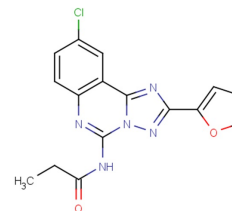


MRS1186

Chemical Properties

CAS No.:	183721-03-1
Formula:	C ₁₆ H ₁₂ ClN ₅ O ₂
Molecular Weight:	341.75
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	MRS1186 is an effective and selective antagonist of the human Adenosine A3 receptor (K _i : 7.66 nM).
Targets(IC ₅₀)	hA3AR: (k _i)7.66 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.926 mL	14.631 mL	29.261 mL
5 mM	0.585 mL	2.926 mL	5.852 mL
10 mM	0.293 mL	1.463 mL	2.926 mL
50 mM	0.059 mL	0.293 mL	0.585 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Tafi A, et al. Pharmacophore based receptor modeling: the case of adenosine A3 receptor antagonists. An approach to the optimization of protein models. J Med Chem. 2006 Jul 13;49(14):4085-97.

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