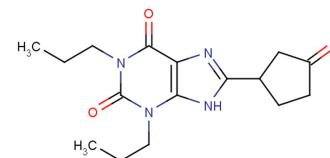


KFM19

Chemical Properties

CAS No.:	133058-72-7
Formula:	C ₁₆ H ₂₂ N ₄ O ₃
Molecular Weight:	318.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	KFM19 is an effective and selective antagonist of the Adenosine receptor (A ₁ -receptor) (IC ₅₀ : 50 nM).
Targets(IC ₅₀)	Adenosine receptor: 50 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	3.141 mL	15.705 mL	31.41 mL
5 mM	0.628 mL	3.141 mL	6.282 mL
10 mM	0.314 mL	1.57 mL	3.141 mL
50 mM	0.063 mL	0.314 mL	0.628 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. W.D. Bechtel, et al. KFM 19 antagonizes the adenosine-induced inhibition of electrically evoked acetylcholine release. Eur Neuropsychopharmacol. Sep. 1993, 3(3), Page 433

Inhibitors · Natural Compounds · Compound Libraries

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