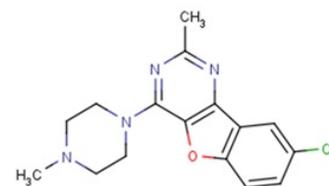


## H4 Receptor antagonist 1

**Chemical Properties**

CAS No.:	848217-00-5
Formula:	C16H17ClN4O
Molecular Weight:	316.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	H4 Receptor antagonist 1 is a potent and selective histamine H4 receptor inverse agonist, with an IC50 of 19 nM.
Targets(IC50)	H4 receptor: 19 nM

**Solubility Information**

Solubility	DMSO: 10 mg/mL (31.57 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.157 mL	15.784 mL	31.568 mL
5 mM	0.631 mL	3.157 mL	6.314 mL
10 mM	0.316 mL	1.578 mL	3.157 mL
50 mM	0.063 mL	0.316 mL	0.631 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. Cramp S , Dyke H J , Higgs C , et al. Identification and hit-to-lead exploration of a novel series of histamine H4 receptor inverse agonists[J]. Bioorganic & Medicinal Chemistry Letters, 2010, 20(8):2516-2519.

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