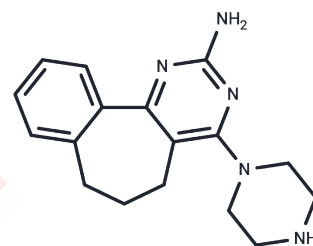


A-940894

Chemical Properties

CAS No. : 1027330-82-0
 Formula: C17H21N5
 Molecular Weight: 295.38
 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	A-940894 is a histamine H4 receptor antagonist with anti-inflammatory properties. A-940894 potently binds to both human and rat histamine H4 receptors and exhibits considerably lower affinity for the human histamine H1, H2, or H3 receptors. A-940894 has good pharmacokinetic properties.
Targets(IC50)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3855 mL	16.9273 mL	33.8547 mL
5 mM	0.6771 mL	3.3855 mL	6.7709 mL
10 mM	0.3385 mL	1.6927 mL	3.3855 mL
50 mM	0.0677 mL	0.3385 mL	0.6771 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

Strakhova MI, Cuff CA, Manelli AM, Carr TL, Witte DG, Baranowski JL, Vortherms TA, Miller TR, Rundell L, McPherson MJ, Adair RM, Brito AA, Bettencourt BM, Yao BB, Wetter JM, Marsh KC, Liu H, Cowart MD, Brioni JD, Esbenshade TA. In vitro and in vivo characterization of A-940894: a potent histamine H4 receptor antagonist with anti-inflammatory properties. Br J Pharmacol. 2009 May;157(1):44-54. doi: 10.1111/j.1476-5381.2009.00236.x. PubMed PMID: 19413570; PubMed Central PMCID: PMC2697788.

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