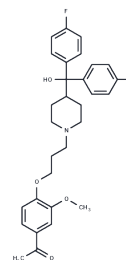


AHR-5333

Chemical Properties

CAS No. : 60284-71-1
Formula: C₃₀H₃₃F₂N₄O
Molecular Weight: 509.58
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	AHR-5333 an antiallergy agent.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9624 mL	9.812 mL	19.624 mL
5 mM	0.3925 mL	1.9624 mL	3.9248 mL
10 mM	0.1962 mL	0.9812 mL	1.9624 mL
50 mM	0.0392 mL	0.1962 mL	0.3925 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

v1: Greene SV, Krebs HA, Lemieux RE, Cheng LK. Determination of a new anti-allergenic agent, 1-[4-[3-[4-[bis-(4-fluorophenyl)hydroxymethyl]-1-piperidiny] propoxy]-3-methoxyphenyl]ethanone, and its active acidic metabolite in plasma by high-performance liquid chromatography. *J Chromatogr.* 1990 May 18;527(2):397-405. PubMed PMID: 2387886.

Graff G, Anderson LA. 1-[4-[3-[4-[bis(4-fluorophenyl)hydroxymethyl]-1-piperidiny]propoxy]-3-methoxyphenyl]ethanone(AHR-5333): a selective human blood neutrophil 5-lipoxygenase inhibitor. *Prostaglandins.* 1989 Oct;38(4):473-96. PubMed PMID: 2554366.

Walsh DA, Franzyshe SK, Yanni JM. Synthesis and antiallergy activity of 4-(diarylhydroxymethyl)-1-[3-(aryloxy)propyl]piperidines and structurally related compounds. *J Med Chem.* 1989 Jan;32(1):105-18. PubMed PMID: 2562852.

Yanni JM, Halliwell RE, Tracy CH. Effect of AHR-5333 on flea antigen extract-induced skin reactions in flea-allergic dogs. *J Vet Pharmacol Ther.* 1988 Jun;11(2):221-5. PubMed PMID: 3184263.

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