

BMY-25368

Chemical Properties

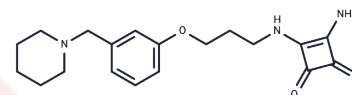
CAS No. : 86134-80-7

Formula: C₁₉H₂₅N₃O₃

Molecular Weight: 343.42

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	BMY-25368 is a long-acting antagonist of the H ₂ -receptor.
Targets(IC ₅₀)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9119 mL	14.5594 mL	29.1189 mL
5 mM	0.5824 mL	2.9119 mL	5.8238 mL
10 mM	0.2912 mL	1.4559 mL	2.9119 mL
50 mM	0.0582 mL	0.2912 mL	0.5824 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

Baumeister P, Erdmann D, Biselli S, Kagermeier N, Elz S, Bernhardt G, Buschauer A. [(3) H]UR-DE257: development of a tritium-labeled squaramide-type selective histamine H₂ receptor antagonist. ChemMedChem. 2015 Jan;10(1):83-93. doi: 10.1002/cmdc.201402344. Epub 2014 Oct 15. PubMed PMID: 25320025.

Wilder-Smith CH, Merki HS. Is the time of dosing of a potent long-acting H₂-receptor antagonist critical? Twenty-four-hour pH measurements with SKF-94482. Scand J Gastroenterol. 1991 May;26(5):501-7. PubMed PMID: 1678550.

Orsini JA, Dreyfuss DJ, Vecchione J, Spencer PA, Uhlman R. Effects of a histamine type-2 receptor antagonist (BMY-25368) on gastric secretion in horses. Am J Vet Res. 1991 Jan;52(1):108-10. PubMed PMID: 1673593.

Gavey CJ, Smith JT, Nwokolo CU, Pounder RE. The effect of SK&F 94482 (BMY-25368) on 24-hour intragastric acidity and plasma gastrin concentration in healthy subjects. Aliment Pharmacol Ther. 1989 Dec;3(6):557-64. PubMed PMID: 2577500.

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