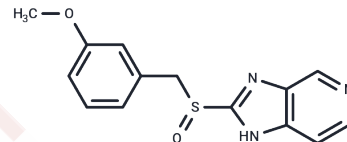


WY-47766

Chemical Properties

CAS No. : 134217-27-9
 Formula: C₁₄H₁₃N₃O₂S
 Molecular Weight: 287.34
 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	WY-47766 (OST-766) is a small molecule proton pump inhibitor that can be used to study postmenopausal osteoporosis.
Targets(IC50)	Proton pump

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4802 mL	17.401 mL	34.802 mL
5 mM	0.696 mL	3.4802 mL	6.9604 mL
10 mM	0.348 mL	1.7401 mL	3.4802 mL
50 mM	0.0696 mL	0.348 mL	0.696 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

- Major PP, et al. Oral bisphosphonates: A review of clinical use in patients with bone metastases. *Cancer*. 2000 Jan 1;88(1):6-14. Review.
- Morris SA, et al. Influence of antiresorptive agent OST-766 on signal transduction pathways involved in parathyroid hormone action. *Calcif Tissue Int*. 1999 Feb;64(2):148-53.
- Hall TJ, et al. A pharmacological assessment of the mammalian osteoclast vacuolar H(+)-ATPase. *Bone Miner*. 1994 Nov;27(2):159-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481