

SB-219994

Chemical Properties

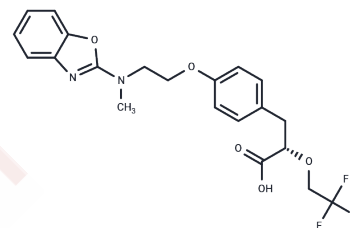
CAS No. : 177785-17-0

Formula: C₂₁H₂₁F₃N₂O₅

Molecular Weight: 438.403

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	SB-219994 is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.281 mL	11.4051 mL	22.8102 mL
5 mM	0.4562 mL	2.281 mL	4.562 mL
10 mM	0.2281 mL	1.1405 mL	2.281 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 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

Birrell MA, Patel HJ, McCluskie K, Wong S, Leonard T, Yacoub MH, Belvisi MG. PPAR-gamma agonists as therapy for diseases involving airway neutrophilia. *Eur Respir J*. 2004 Jul;24(1):18-23. PubMed PMID: 15293600.

White IR, Man WJ, Bryant D, Bugelski P, Camilleri P, Cutler P, Hayes W, Holbrook JD, Kramer K, Lord PG, Wood J. Protein expression changes in the Sprague Dawley rat liver proteome following administration of peroxisome proliferator activated receptor alpha and gamma ligands. *Proteomics*. 2003 Apr;3(4):505-12. PubMed PMID: 12687617.

Bryant DK, Monté S, Man WJ, Kramer K, Bugelski P, Neville W, White IR, Camilleri P. Principal component analysis of mass spectra of peptides generated from the tryptic digestion of protein mixtures. *Rapid Commun Mass Spectrom*. 2001;15(6):418-27. PubMed PMID: 11291120.

Young PW, Buckle DR, Cantello BC, Chapman H, Clapham JC, Coyle PJ, Haigh D, Hindley RM, Holder JC, Kallender H, Latter AJ, Lawrie KW, Mossakowska D, Murphy GJ, Roxbee Cox L, Smith SA. Identification of high-affinity binding sites for the insulin sensitizer rosiglitazone (BRL-49653) in rodent and human adipocytes using a radioiodinated ligand for peroxisomal proliferator-activated receptor gamma. *J Pharmacol Exp Ther*. 1998 Feb;284(2):751-9. PubMed PMID: 9454824.

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