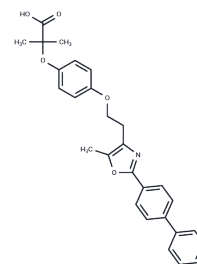


LY-465608

Chemical Properties

CAS No. : 328918-26-9
 Formula: C₂₈H₂₇N₀O₅
 Molecular Weight: 457.52
 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	LY-465608, a PPAR Agonist, inhibits macrophage activation and atherosclerosis in apolipoprotein E knockout mice.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1857 mL	10.9285 mL	21.857 mL
5 mM	0.4371 mL	2.1857 mL	4.3714 mL
10 mM	0.2186 mL	1.0928 mL	2.1857 mL
50 mM	0.0437 mL	0.2186 mL	0.4371 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

- Guo Y, Jolly RA, Halstead BW, Baker TK, Stutz JP, Huffman M, Calley JN, West A, Gao H, Searfoss GH, Li S, Irizarry AR, Qian HR, Stevens JL, Ryan TP. Underlying mechanisms of pharmacology and toxicity of a novel PPAR agonist revealed using rodent and canine hepatocytes. *Toxicol Sci.* 2007 Apr;96(2):294-309. PubMed PMID: 17255113.
- Zuckerman SH, Kauffman RF, Evans GF. Peroxisome proliferator-activated receptor alpha,gamma coagonist LY465608 inhibits macrophage activation and atherosclerosis in apolipoprotein E knockout mice. *Lipids.* 2002 May;37(5):487-94. PubMed PMID: 12056591.
- Etgen GJ, Oldham BA, Johnson WT, Broderick CL, Montrose CR, Brozinick JT, Misener EA, Bean JS, Bensch WR, Brooks DA, Shuker AJ, Rito CJ, McCarthy JR, Ardecky RJ, Tyhonas JS, Dana SL, Bilakovics JM, Paterniti JR Jr, Ogilvie KM, Liu S, Kauffman RF. A tailored therapy for the metabolic syndrome: the dual peroxisome proliferator-activated receptor-alpha/gamma agonist LY465608 ameliorates insulin resistance and diabetic hyperglycemia while improving cardiovascular risk factors in preclinical models. *Diabetes.* 2002 Apr;51(4):1083-7. PubMed PMID: 11916929.

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