

Saroglitazar oxide-D4

Chemical Properties

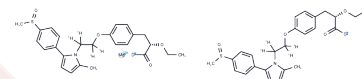
CAS No. :

Formula: C₅₀H₄₈D₈MgN₂O₁₀S₂

Molecular Weight: 941.47

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

Saroglitazar oxide-D4 is a deuterated compound of Saroglitazar oxide. Saroglitazar oxide (T12835) has a CAS number of 495399-09-2. Saroglitazar is an agonist of PPAR with EC₅₀ values of 0.65 pM and 3 nM for PPAR α and PPAR γ .

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0622 mL	5.3108 mL	10.6217 mL
5 mM	0.2124 mL	1.0622 mL	2.1243 mL
10 mM	0.1062 mL	0.5311 mL	1.0622 mL
50 mM	0.0212 mL	0.1062 mL	0.2124 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

- Jain MR, et al. Saroglitazar, a novel PPAR α / γ agonist with predominant PPAR α activity, shows lipid-lowering and insulin-sensitizing effects in preclinical models. *Pharmacol Res Perspect.* 2015 Jun;3(3):e00136.

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