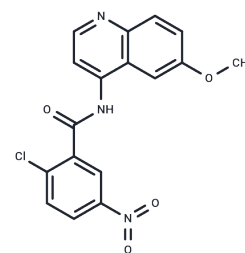


SR 16832

## Chemical Properties

CAS No. : 2088135-12-8  
 Formula: C<sub>17</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 357.75  
 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	SR 16832 is a dual-site PPAR $\gamma$ inhibitor. It also inhibits the binding of endogenous ligands and transcriptional activity of PPAR $\gamma$ , more effectively than the orthosteric covalent antagonist GW 9662 and T 0070907.
Targets(IC <sub>50</sub> )	PPAR

## Solubility Information

Solubility	DMSO: 60 mg/mL (167.71 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7952 mL	13.9762 mL	27.9525 mL
5 mM	0.559 mL	2.7952 mL	5.5905 mL
10 mM	0.2795 mL	1.3976 mL	2.7952 mL
50 mM	0.0559 mL	0.2795 mL	0.559 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

Brust et al (2017) Modification of the orthosteric PPAR $\gamma$  covalent antagonist scaffold yields an improved dual-site allosteric inhibitor. ACS Chem.Biol. 12 969

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