SR 16832

Cat. No.: HY-112247

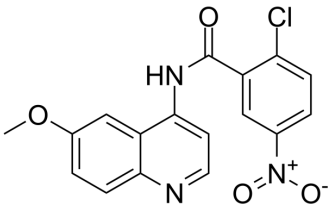
CAS No.: 2088135-12-8

Molecular Formula: $C_{17}H_{12}ClN_3O_4$

Molecular Weight: 357.75

Target: PPAR

Pathway: Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor



Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (698.81 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.7952 mL	13.9762 mL	27.9525 mL
5 mM	0.5590 mL	2.7952 mL	5.5905 mL
10 mM	0.2795 mL	1.3976 mL	2.7952 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description SR 16832 is a dual site covalent PPARγ inhibitor that acts at orthosteric and allosteric sites[1].

IC_{50} & Target PPARγ

REFERENCES

[1]. Brust R, et al. Modification of the Orthosteric PPARγ Covalent Antagonist Scaffold Yields an Improved Dual-Site Allosteric Inhibitor. ACS Chem Biol. 2017 Apr 21;12(4):969-978.

Caution: Product has not been fully validated for medical applications. For research use only.

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