

Product Name: SR 16832

Catalog No.: 6383

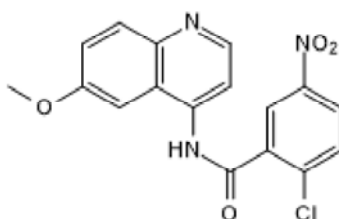
Batch No.: 1

CAS Number: 2088135-12-8

IUPAC Name: 2-Chloro-*N*-(6-methoxy-4-quinolinyl)-5-nitrobenzamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₇H₁₂ClN₃O₄
Batch Molecular Weight: 357.75
Physical Appearance: White solid
Solubility: DMSO to 50 mM
Storage: Store at +4°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.6% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.08	3.38	11.75
Found	56.93	3.32	11.48

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Dual site PPAR γ inhibitor. Acts at orthosteric and allosteric sites in the ligand binding domain. Inhibits binding of endogenous ligands and transcriptional activity of PPAR γ , more effectively than the orthosteric covalent antagonists GW 9662 (Cat. No. 1508) and T 0070907 (Cat. No. 2301).

Physical and Chemical Properties:

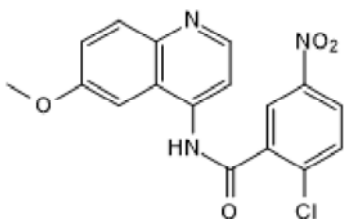
Batch Molecular Formula: C₁₇H₁₂ClN₃O₄

Batch Molecular Weight: 357.75

Physical Appearance: White solid

Minimum Purity: >98%

Batch Molecular Structure:



References:

Brust et al (2017) Modification of the orthosteric PPAR γ covalent antagonist scaffold yields an improved dual-site allosteric inhibitor. ACS Chem.Biol. **12** 969. PMID: 28165718.

Storage: Store at +4°C

Solubility & Usage Info:

DMSO to 50 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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