Overview

Product name: T0070907, PPAR gamma antagonist

Description: Potent, selective PPARγ antagonist

Biological description: Potent, selective PPARγ antagonist (IC₅₀ = 1 nM). Antidiabetic actions in vivo. Inhibits rosiglitazone (ab120762). Blocks the recruitment of transcriptional cofactors to the PPARγ/RXR heterodimer.

Purity: > 98%

CAS Number: 313516-66-4

Chemical structure:

Properties

Chemical name: 2-Chloro-5-nitro-N-(4-pyridinyl)benzamide

Molecular weight: 277.67

Molecular formula: C₁₂H₈ClN₃O₃

Storage instructions: Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview: Soluble in DMSO to 25 mM

Handling: Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES: ClC=CC(C[(N+)(=O)=O]C)=C1C(C2=NC=NC=CC)=O

Source: Synthetic

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