Product datasheet

T0070907, PPAR gamma antagonist ab120876

Overview

Product name
T0070907, PPAR gamma antagonist

Description
Potent, selective PPARγ antagonist

Biological description
Potent, selective PPARγ antagonist (IC\(_{50}\) = 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

![](chemical_structure.png)

Properties

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

Molecular weight
277.67

Molecular formula
C\(_{12}\)H\(_8\)ClN\(_3\)O\(_3\)

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.

SMILES
ClC1=CC=C([N+][O-])=O)C=C1C(NC2=CC=NC=C2)=O

Source
Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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