



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Rosiglitazone Maleate

Insulin sensitizer
Catalog No. SIH-379



Discovery through partnership | Excellence through quality

Overview

Product Name

Rosiglitazone Maleate

Description

Insulin sensitizer

Purity

>98%

CAS No.

155141-29-0

Molecular Formula

C₁₈H₁₉N₃O₃S

Molecular Weight

473.5

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Agonist

Solubility

Soluble in DMSO (3 mg/ml) or DMF (10 mg/ml)

Source

Synthetic

Appearance

White to off-white solid

SMILES

C2=C(CC1SC(=O)NC1=O)C=CC(=C2)OCCN(C3=CC=CC=N3)C.O=C(O)C=C/C(=O)O

InChI

InChI=1S/C18H19N3O3S/c1-21(16-4-2-3-9-19-16)10-11-24-14-7-5-13(6-8-14)12-15-17(22)20-18(23)25-15/h2-9,15H,10-12H2,1H3,(H,20,2

2,23)

InChIKey

YASAKCUCGLMORW-UHFFFAOYSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Cite This Product

Rosiglitazone Maleate (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-379)

Biological Description

Alternative Names

5-[[4-[2-(Methyl-2-pyridinylamino)ethoxy]phenyl]methyl]-2,4-thiazolidinedione

Research Areas

Cell Signaling

PubChem ID

77999

Scientific Background

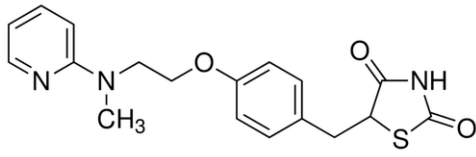
Rosiglitazone is a potent agonist for PPAR γ with an EC₅₀ of 43 nM for the human receptor. It is anti-diabetic, working as an insulin sensitizer by binding to the PPAR γ receptors in fat cells and making the cells more responsive to insulin.

References

1. Werner A.L., & Travaglini M.T. (2001) *Pharmacotherapy*. 21(9): 1082-99.
2. McMorrان M., and Vu D. (2001) *CMAJ*. 165(1): 82-3, 86-7.
3. Malinowski J.M. & Bolesta S. (2000) *Clin. Ther.* 22(10): 1151-68.
4. Cheng-Lai A., & Levine A. (2000) *Heart Dis.* 2(4): 326-33.
5. Knock G.A., et al. (1999) *Eur. J. Pharmacol.* 368(1): 103-9.
6. Balfour J.A., & Plosker G.L. (1999) *Drugs*. 57(6): 921-30.
7. Parks D.J., et al. (1998) *Bioorg. Med. Chem. Lett.* 8(24): 3657-8.

Product Images

Chemical structure of Rosiglitazone Maleate (SIH-379), a Insulin sensitizing agent.
CAS #: 122320-73-4. Molecular Formula: C₁₈H₁₉N₃O₃S. Molecular Weight: 357.4 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.