



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) 

BRL-50481

PDE7 inhibitor
Catalog No. SIH-374



Discovery through partnership | Excellence through quality

Overview

Product Name

BRL-50481

Description

PDE7 inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

433695-36-4

Molecular Formula

CH₁₁N₁O₁S

Molecular Weight

244.26

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

May be dissolved in DMSO (40 mg/ml) or Ethanol (5 mg/ml)

Source

Synthetic

Appearance

Cream solid

SMILES

CC1=C(C=C(C=C1)[N+](=O)[O-])S(=O)(=O)N(C)C

InChI

InChI=1S/C9H12N2O4S/c1-7-4-5-8(11(12)13)6-9(7)16(14,15)10(2)3/h4-6H,1-3H3

InChIKey

IFIUFCJFLGCQPH-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

BRL-50481 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-374)

Biological Description

Alternative Names

N,N,2-Trimethyl-5-nitro-benzenesulfonamide

Research Areas

Neuroscience

PubChem ID

2921148

Scientific Background

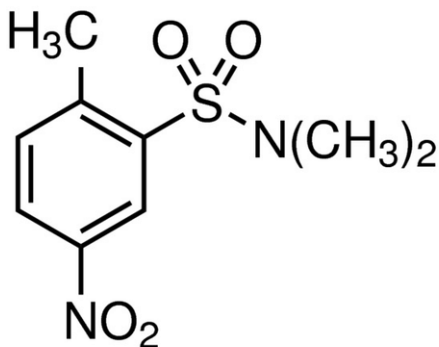
BRL-50481 is a selective phosphodiesterase 7 (PDE7) inhibitor. In the presence of BRL-50481 the activity of hrPDE7A1 was inhibited against the phosphodiesterase (PDE3) and (PDE4) (1). Studies have suggested a potential role of BRL-50481 in the treatment of osteoporosis (2).

References

1. Smith J., et al. (2004) Molecular Biology Pharmacology. 66(6): 1679-89.
 2. Pekkinen M., et al. (2008) Bone. 43(1): 84-91.
-

Product Images

Chemical structure of BRL-50481 (SIH-374), a PDE7 inhibitor. CAS #: 433695-36-4.
Molecular Formula: C₉H₁₂N₂O₄S. Molecular Weight: 244.26 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.