



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) 

TTNPB

Retinoic acid receptor agonist
Catalog No. SIH-608



Discovery through Partnership | Excellence through Quality

Product Name

TTNPB

Description

Retinoic acid receptor agonist

Purity

>98% (HPLC); NMR (conforms)

CAS No.

71441-28-6

Molecular Formula

$C_{24}H_{28}O_2$

Molecular Weight

348.5

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Agonist

Solubility

May be dissolved in DMSO (4 mg/ml)

Source

Synthetic

Appearance

Off-white powder

SMILES

CC(=CC1=CC=C(C=C1)C(=O)O)C2=CC3=C(C=C2)C(CCC3(C)C)(C)C

InChI

InChI=1S/C24H28O2/c1-16(14-17-6-8-18(9-7-17)22(25)26)19-10-11-20-21(15-19)24(4,5)13-12-23(20,2)3/h6-11,14-15H,12-13H2,1-5H3,(H,25,26)/b16-14+

InChIKey

FOIVPCKZDPCJJY-JQIJEIRASA-N

Safety Phrases

Classification: Danger. Hazard Statements

H315 - H319 - H335 - H360

Precautionary Statements

P202 - P261 - P264 - P302 + P352 - P305 + P351 + P338 - P308 + P313

Cite This Product

TTNPB (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-608)

Biological Description

Alternative Names

4-[(E)-2-(5,6,7,8-Tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1-propenyl]benzoic acid; Ro 13-7410; AGN-191183

Research Areas

Apoptosis, Cancer, Stem Cells

PubChem ID

5289501

Scientific Background

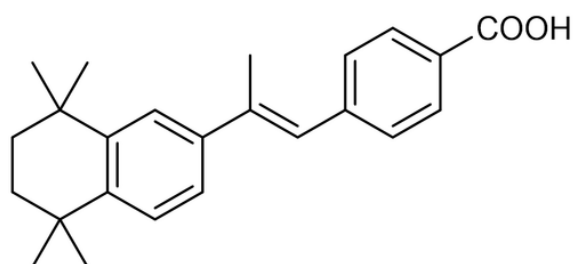
TTNPB is an analog of retinoic acid that potently and selectively activates retinoic acid receptors (1). Enables chemical reprogramming (without genetic factors) of mouse embryonic fibroblasts to induced pluripotent stem (iPS) cells, in combination with CHIR99021, Tranylcypromine, Valproic Acid, 3-Deazaneplanocin A, and

E-616452 (2). And it Induces the in vitro growth and differentiation to granulocytes of myeloid progenitors isolated from myelodysplastic syndrome (MDS) patients (3).

References

1. Beard R.L., et al. (1995) J Med Chem. 38 (15): 2820-2829. 2. Hou P. et al. (2013) Science. 341 (6146): 651-654. 3. Fabian I. (1987) Leukemia Research. 11 (7): 635-640.

Product Images



Chemical structure of TTNPB (SIH-608), a Retinoid RAR agonist. CAS #: 71441-28-6. Molecular Formula: C₂₄H₂₈O₂. Molecular Weight: 348.5 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.