



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) 

AM
580



Discovery through Partnership | Excellence through Quality

Rar agonist
Catalog No. SIH-600

Product Name

AM 580

Description

Rar agonist

Purity

>98% (HPLC); NMR (conforms)

CAS No.

102121-60-8

Molecular Formula

$C_{22}H_{25}NO_3$

Molecular Weight

351.4

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 (35 mg/ml); or Ethanol (18 mg/ml)

Source

Synthetic

Appearance

Off-white powder

SMILES

```
CC1(CCC(C2=C1C=CC(=C2)C(=O)NC3=CC=C(C=C3)C(=O)O)(C)C)C
```

InChI

InChI=1S/C22H25NO3/c1-21(2)11-12-22(3,4)18-13-15(7-10-17(18)21)19(24)23-16-8-5-14(6-9-16)20(25)26/h5-10,13H,11-12H2,1-4H3,(H,23,24)(H,25,26)

InChIKey

SZWKGOZKRMMLAJ-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

AM 580 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-600)

Biological Description

Alternative Names

4-[(5,6,7,8-Tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)carboxamido]benzoic acid; CD336; NSC 608001; Ro 40-6055

Research Areas

Cancer, Cell Signaling, Epigenetics and Nuclear Signaling, Neuroscience, Oxidative Stress, Transcription

PubChem ID

2126

Scientific Background

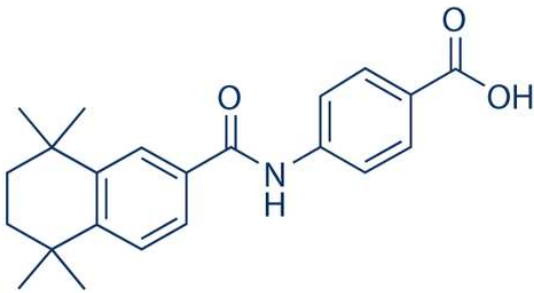
AM-580, a benzoic derivative of retinoic acid and a selective RAR- α agonist, has been shown to significantly reduce the production of Th1 cytokines but promote Th2 cytokines in human PBMCs⁷ and to inhibit

microglial activation, thus acting beneficially in Alzheimer's disease treatment. It also is known to inhibit tumor cell proliferation and induces apoptosis.

References

1. Wang O., Thome R., Rostami A., Ma C-G., Zhang G-X. (2019) Nature. 16: 727-729. 2. Bosch A., et al. (2012) Breast Cancer Res. 14(4): R121.

Product Images



Chemical structure of AM 580 (SIH-600), a RAR Agonist. CAS #: 102121-60-8. Molecular Formula: C₂₂H₂₅NO₃. Molecular Weight: 351.4 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.

© 2022 stressmarq.com