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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ICG-001

β -catenin inhibitor
Catalog No. SIH-387



Discovery through partnership | Excellence through quality

Overview

Product Name

ICG-001

Description

β -catenin inhibitor

Purity

>98%

CAS No.

847591-62-2

Molecular Formula

C₁₁H₁₁N₁O₁

Molecular Weight

548.63

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO and to 50 mM in ethanol

Source

Synthetic

Appearance

White solid

SMILES

C1CN([C@H]2CN(C(=O)[C@@H](N2C1=O)CC3=CC=C(C=C3)O)CC4=CC=CC5=CC=CC=C54)C(=O)NCC6=CC=CC=C6

InChI

InChI=1S/C33H32N4O4/c38-27-15-13-23(14-16-27)19-29-32(40)35(21-26-11-6-10-25-9-4-5-12-28(25)26)22-30-36(18-17-31(39)37(29)30)

InChIKey

HQWTUOLCGKIECB-XZWHSSHBSA-N

Safety Phrases

Classification: Caution. Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

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

S24/25 - Avoid contact with skin and eyes

Cite This Product

ICG-001 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-387)

Biological Description

Alternative Names

(6S,9aS)-Hexahydro-6-[(4-hydroxyphenyl)methyl]-8-(1-naphthalenylmethyl)-4,7-dioxo-N-(phenylmethyl)-2H-pyrazino[1,2-a]pyrimidine-1(6H)-carboxamide

Research Areas

Cell Signaling

PubChem ID

11238147

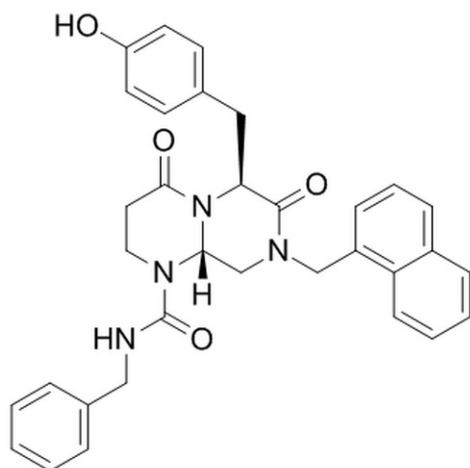
Scientific Background

Inhibitor of TCF/ β -catenin-mediated transcription. Selectively inhibits β -catenin/CBP interaction; displays no effect on β -catenin/p300 interaction. Exhibits growth inhibitory effects in colon carcinoma cell lines (SW480 and HCT-116 cells); also displays efficacy in Min mouse and nude mouse SW620 xenograft models.

References

1. Emami K.H., et al. (2004) Proc. Natl. Acad. Sci. USA. 101(34): 12682-7.
2. De Sousa E.M., et al. (2011) Clin. Cancer Res. 17(4): 647-53.
3. Zhou B., et al. (2012) J. Biol. Chem. 287(10): 7026-38.

Product Images



Chemical structure of ICG-001 (SIH-387), a β -catenin/CBP inhibitor. CAS #: 847591-62-2. Molecular Formula: C₃₃H₃₂N₄O₄. Molecular Weight: 548.63 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.