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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PJ-34

PARP inhibitor
Catalog No. SIH-366



Discovery through partnership | Excellence through quality

Overview

Product Name

PJ-34

Description

PARP inhibitor

Purity

>98% (HPLC); NMR (conforms)

CAS No.

344458-15-7

Molecular Formula

C₁₈H₁₈N₂O₂

Molecular Weight

331.8

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

May be dissolved in DMSO (30 mg/ml) or water (20 mg/ml)

Source

Synthetic

Appearance

White to yellow solid.

SMILES

CN(C)CC(=O)NC1=CC2=C(C=C1)NC(=O)C3=CC=CC=C32.Cl

InChI

InChI=1S/C17H17N3O2/c1-20(2)10-16(21)18-11-7-8-15-14(9-11)12-5-3-4-6-13(12)17(22)19-15/h3-9H,10H2,1-2H3,(H,18,21)(H,19,22)

InChIKey

UYJZZVDLGDDTCL-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

PJ-34 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-366)

Biological Description

Alternative Names

N-(6-Oxo-5,6-dihydrophenanthridin-2-yl)-N,N-dimethylacetamide . HCl

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, PARP Inhibitors

PubChem ID

4858

Scientific Background

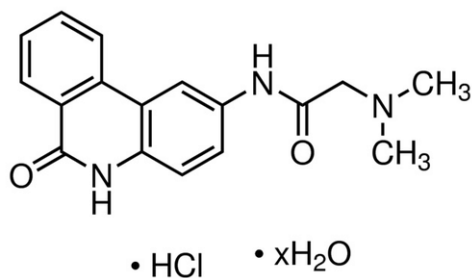
PJ-34 is a selective inhibitor of Poly (ADP-Ribose) polymerase (PARP). Studies have shown that the use of PJ-34 on severe inflammatory diseases, in particular experimental allergic encephalomyelitis (EAE) have contributed to a shift of the immune response from a pro-inflammatory Th1 to anti-inflammatory th2 phenotype (1).

References

1. Scott G., Kean R., Mikheeva., Fabis M., Mabley J.J. (2004) The Journal of Pharmacology and Exp. Therapeutics. 310(3): 1053-1061.

Product Images

Chemical structure of PJ-34 (SIH-366), a PARP inhibitor. CAS #: 344458-15-7.
Molecular Formula: C₁₇H₁₇N₃O₂ *HCL * H₂O. Molecular Weight: 331.8 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.