



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) 

BIX-01294

HMT inhibitor
Catalog No. SIH-347



Discovery through partnership | Excellence through quality

Overview

Product Name

BIX-01294

Description

HMT inhibitor

Purity

>98%

CAS No.

935693-62-2

Molecular Formula

C₁₁H₁₁N₁O₁*HCl

Molecular Weight

600.02

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

May be dissolved in DMSO (100 mM) or Water (100 mM)

Source

Synthetic

Appearance

Cream solid

SMILES

CN1CCCN(CC1)C2=NC3=CC=C(C=C3C(=N2)NC4CCN(CC4)CC5=CC=CC=C5)OC.Cl.Cl.Cl

InChi

InChi=1S/C28H38N6O2/c1-32-12-7-13-34(17-16-32)28-30-24-19-26(36-3)25(35-2)18-23(24)27(31-28)29-22-10-14-33(15-11-22)20-21-8-5

-4-6-9-21/h4-6,8-9,18-19,22H,7,10-17,20H2,1-3H3,(H,29,30,31)

InChIKey

OSXFATOLZGZLSK-UHFFFAOYSA-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

BIX-01294 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-347)

Biological Description

Alternative Names

2-(Hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-6,7-dimethoxy-N-[1-(phenylmethyl)-4-piperidinyl]-4-quinazolinamine trihydrochloride;
N-(1-Benzyl-4-piperidinyl)-6,7-dimethoxy-2-(4-methyl-1,4-diazepan-1-yl)-4-quinazolinamine trihydrochloride

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

25150857

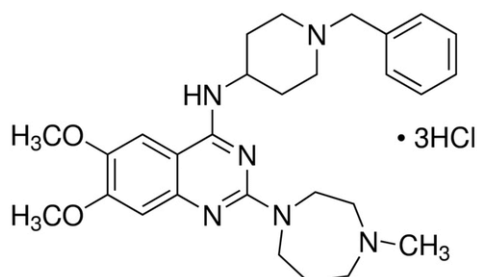
Scientific Background

G9a-like protein and G9a histone lysine methyltransferase inhibitor (IC values are 0.7 and 1.7 μ M respectively) that displays no activity at other histone methyltransferases up to 37 μ M. Modulates H3K9me2 levels in mammalian cells and potentiates induction of pluripotent stem cells from somatic cells in vitro.

References

1. Kubicek S., et al. (2007) Mol Cell. 25(3): 473-481.
2. Shi Y., et al. (2008) Cell Stem Cell. 3(5): 568-574.
3. Chang Y., et al. (2009) Nat Struct Mol Biol. 16(3): 312-317.

Product Images



Chemical structure of BIX-01294 (SIH-347), a Histone methyltransferase inhibitor. CAS #: 935693-62-2. Molecular Formula: C₂₈H₃₈N₆O₂ * 3HCl. Molecular Weight: 600.02 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.