**Product datasheet**

**BIX 01294 ab141407**

**Overview**

**Product name**
BIX 01294

**Description**
Potent G9a and G9a-like protein histone methyltransferase inhibitor

**Biological description**
Potent, selective G9a and G9a-like protein histone lysine methyltransferase inhibitor (IC₅₀ values are 1.7 and 0.7 μM at G9a and G9a-like protein, respectively). No activity at other HMT up to 37 μM. Antimalarial agent. Active in vitro.

**Purity**
> 95%

**Properties**

**Chemical name**
N-(1-Benzylpiperidin-4-yl)-6,7-dimethoxy-2-(4-methyl-1,4-diazepan-1-yl)quinazolin-4-amine

**Molecular weight**
490.65

**Chemical structure**
![Chemical structure of BIX 01294]

**Molecular formula**
C₂₈H₃₈N₆O₂

**CAS Number**
935693-62-2

**PubChem identifier**
25150857

**Storage instructions**
Store at +4°C. The product can be stored for up to 12 months.

**Solubility overview**
Soluble in DMSO to 100 mM and in ethanol to 100 mM

**Handling**
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

**SMILES**
CN1CCCN(CC1)C2=NC3=CC(C=C=C3(N2)NC4CCN(CC4)CC5=CC=CC=C5)OC)OC

**Source**
Synthetic
Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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