

# UNC0224

Catalog No: tcsc2210



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

1197196-48-7

**Formula:**

$C_{26}H_{43}N_7O_2$

**Pathway:**

Epigenetics

**Target:**

Histone Methyltransferase

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

485.67

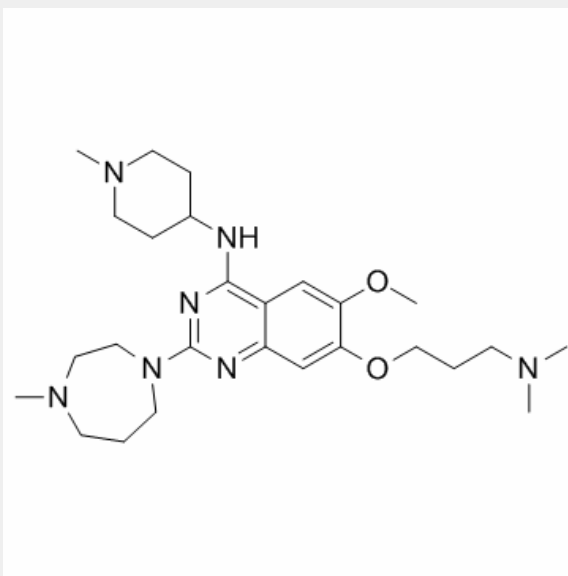
## Product Description

UNC0224 is a potent and selective G9a inhibitor with IC50 of 15 nM in the G9a Thioglo assay.

IC50 value: 15 nM [1]

Target: G9a

UNC0224 (Compound 8) also potently inhibited GLP with an IC<sub>50</sub> of 20 nM and 58 nM in the Thioglo assay and and AlphaScreen, respectively. 8 was more than 1000-fold selective for G9a over SET7/9 (a H3K4 HMT) and SET8/PreSET7 (a H4K20 HMT) in Thioglo-based biochemical assays [1] [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!