

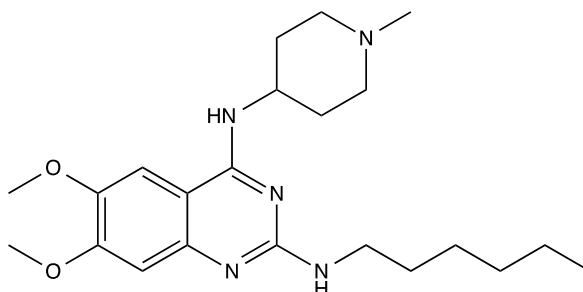
Catalog # 10-4875

MS012

CAS# 2089617-83-2

N²-Hexyl-6,7-dimethoxy-N⁴-(1-methylpiperidin-4-yl)quinazoline-2,4-diamine

Lot # JKM1057



MS012 is a highly potent (IC₅₀ = 7 nM) and selective (140-fold over the related lysine methyltransferase G9a) inhibitor of G9a-Like Protein (GLP) Lysine Methyltransferase. It was also selective for GLP over a panel of 29 other methyltransferases.

- 1) Xiong *et al.* (2017) *Discovery of Potent and selective Inhibitors for G9a-Like Protein (GLP) Lysine Methyltransferase*; J.Med.Chem. **60** 1876

PHYSICAL DATA

Molecular Weight:	401.55
Molecular Formula:	C ₂₂ H ₃₅ N ₅ O ₂
Purity:	>98% by HPLC NMR: (Conforms)
Solubility:	DMSO (>25 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

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