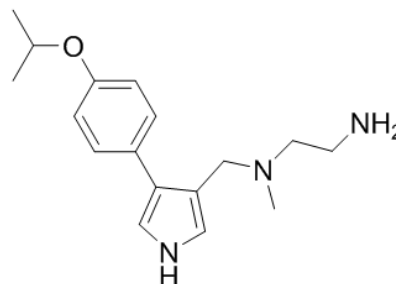


Product Name : MS023
Cat. No. : PC-45658
CAS No. : 1831110-54-3
Molecular Formula : C₁₇H₂₅N₃O
Molecular Weight : 287.3999
Target : Histone Methyltransferase (HMTase)
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

MS023 is a potent, selective, and cell-active inhibitor of **type I PRMTs** with IC₅₀s of 30/119/83/4/5 nM for PRMT1/3/4/6/8 respectively.

MS023 does not inhibit PRMT5/9/7(>10 μM).

MS023 inhibits H4R3me2a and H3R2me2a levels in MCF7 cells.

References

Eram MS, et al. *ACS Chem Biol.* 2016 Mar 18;11(3):772-81.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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