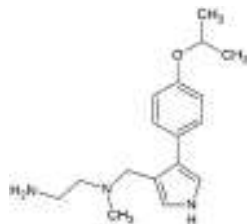


MS023

ALTERNATE NAME: MS-023
N1-((4-(4-isopropoxyphenyl)-1H-pyrrol-3-yl)methyl)-N1-methylethane-1,2-diamine

CATALOG #: B2575-5 5 mg
B2575-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₂₅N₃O

MOLECULAR WEIGHT: 287.41

CAS NUMBER: 1831110-54-3

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >25 mg/ml DMSO

DESCRIPTION: MS023 is a potent, selective, and cell-active inhibitor of human type I protein arginine methyltransferases (PRMTs) (IC₅₀s of 30, 119, 83, 4 and 5 nM for PRMT1, PRMT3, PRMT4, PRMT6, and PRMT8, respectively). MS023 is completely inactive against type II and type III PRMTs, protein lysine methyltransferases and DNA methyltransferases.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AMI-5 (2300)
AMI-1 (1943)
XY1 (B2850)
Sinefungin (B2824)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*