

Catalog Number: CM04575

产品信息

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CM04575

CAS号:
1831110-54-3

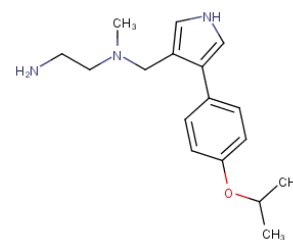
分子式:
C₁₇H₂₅N₃O

主要靶点:
Histone Methyltransferase

主要通路:
表观遗传

分子量:
287.4

溶解度:
Ethanol:53 mg/mL (184.4 mM), DMSO:53 mg/mL (184.4 mM), H₂O:<1 mg/mL



靶点活性

PRMT8:5 nM|PRMT1:30 nM|PRMT4:83 nM|PRMT6:4 nM|PRMT3:119 nM

体外活性

MS023 potently reduces cellular levels of H4R3me2a in MCF7 and HEK293 cells by inhibiting PRMT1/6 methyltransferase activity with IC₅₀ of 9 nM and 56 nM, respectively. MS023 also inhibits cell growth and potentially induces growth arrest and flattening morphology at low concentrations. [1]

描述

MS023 is a potent, selective, and cell-active Type I PRMT inhibitor with IC₅₀ of 30 nM, 119 nM, 83 nM, 4 nM, and 5 nM for PRMT1, PRMT3, PRMT4, PRMT6 and PRMT8, respectively.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years