
Product Data Sheet

Product Name: MS049 oxalate salt

Cat. No.: GC50236

Chemical Properties

Cas. No.

SMILES CNCCN(CC2)CCC2OCC1=CC=CC=C1.OC(C(O)=O)=OFormula $C_{15}H_{24}N_2O \cdot C_2H_2O_4$ M.Wt 338.4

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent and selective PRMT4 and PRMT6 inhibitor (IC50 values are 44 and 63 nM, respectively). Reduces Med12me2a and H3R2me2a levels in HEK293 cells in vitro. To request the negative control for MS049, please fill out the MS049N request form on the SGC website.

Shen et al (2016) Discovery of a potent, selective, and cell-active dual inhibitor of protein arginine methyltransferase 4 and protein arginine methyltransferase 6. J.Med.Chem. 59 9124 PMID:27584694 | Scheer et al (2019) A chemical biology toolbox to study protein methyltransferases and epigenetic signaling. Nat.Commun. 10 19 PMID:30604761

Caution: Product has not been fully validated for medical applications. For research use only.

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