
Product Data Sheet

Product Name: PRMT5-IN-1

Cat. No.: GC36969

Chemical Properties

Cas. No. 2366149-83-7

SMILES O[C@@H]1[C@@H]([C@@H](C2=CC=C(Cl)C=C2)O)O[C@@H](N3C=CC4=C3N=CN5C4=NCC5O)[C@@H]1OFormula C₁₉H₁₉ClN₄O₅ M.Wt 418.83

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**

PRMT5 IN-1, a hemiaminal, is a covalent protein arginine methyltransferase 5 (PRMT5) inhibitor with an IC₅₀ of 11 nM for PRMT5/MEP50. PRMT5 IN-1 can be converted to aldehydes and react with C449 to form covalent adducts under physiological conditions[1]. IC₅₀: 11 nM (PRMT5)[1]

[1]. <https://www.ncbi.nlm.nih.gov/pubmed/31312404>

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

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