

Product Data Sheet

Product Name: DCPT1061

Cat. No.: GC73966

Chemical Properties

Cas. No. 2289726-31-2

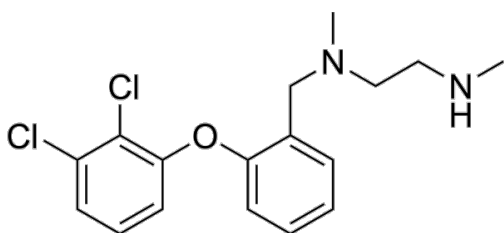
Formula $C_{17}H_{20}Cl_2N_2O$ M.Wt 339.26

Solubility DMSO : ≥ 250 mg/mL (736.90 mM) Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

DCPT1061 potently inhibits PRMT1, PRMT6 and PRMT8 in vitro with less inhibitory effect on PRMT3, PRMT4, and PRMT5 or other epigenetic enzymes. DCPT1061 has antitumor effect.

References:

[1]. Jianfeng Wang, et al. PRMT1 is a novel molecular therapeutic target for clear cell renal cell carcinoma. Theranostics. 2021 Mar 12;11(11):5387-5403.

[2]. Hongru Tao, et al. PRMT1 inhibition activates the interferon pathway to potentiate antitumor immunity and enhance checkpoint blockade efficacy in melanoma. Cancer Res. 2023 Nov 22.

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

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