

Product Data Sheet

Product Name: DCPT1061 hydrochloride

Cat. No.: GC73967

Chemical Properties

Cas. No.

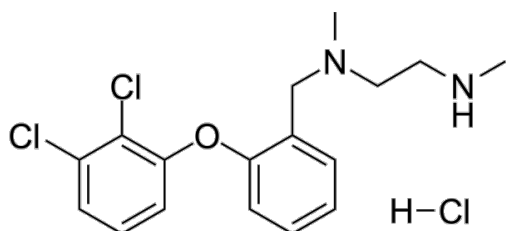
Formula $C_{17}H_{21}Cl_3N_2O$ M.Wt 375.72

Solubility DMSO : 50 mg/mL (133.08 mM; ultrasonic and warming and heat to 60°C) Storage -20°C, sealed storage, away from moisture

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

DCPT1061 drochloride has a strong inhibitory effect on PRMT1, PRMT6, and PRMT8 in vitro, The epigenetic enzymes such as PRMT3, PRMT4 and PRMT5 had little inhibitory effect. DCPT1061 drochloride has antitumor effects.

References:

[1]. Wang J, et al. PRMT1 is a novel molecular therapeutic target for clear cell renal cell carcinoma.

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

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Theranostics. 2021 Mar 12;11(11):5387-5403.

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

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