

Product Data Sheet

Product Name: DCLX069

Cat. No.: GC63662

Chemical Properties

Cas. No. 792946-69-1

Formula $C_{20}H_{25}N_3O_2$

M.Wt 339.43

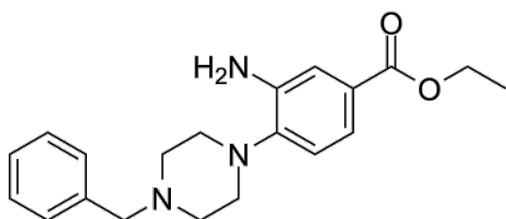
Solubility

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

DCLX069 is a selective protein arginine methyltransferase 1 (PRMT1) inhibitor with an IC₅₀ value of 17.9 μM. DCLX069 shows less activity against PRMT4 and PRMT6. DCLX069 has anticancer effects[1].

DCLX069 (12.5-100 μM) effectively blocks cell proliferation in breast cancer, liver cancer and acute myeloid leukemia cell lines (MCF7, HepG2, and THP1 cells) in a concentration-dependent manner[1].

[1]. Yiqian Xie, et al. Virtual screening and biological evaluation of novel small molecular inhibitors

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

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against protein arginine methyltransferase 1 (PRMT1). Org Biomol Chem. 2014 Dec 21;12(47):9665-73.

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