

Product Data Sheet

Product Name: Parsaclisib (INCB050465)

Cat. No.: GC32916

Chemical Properties

Cas. No. 1426698-88-5

SMILES CCOC1=C([C@@H](C2)CNC2=O)C(F)=C(Cl)C=C1[C@@H](N3C4=NC=NC(N)=C4C(C)=N3)C

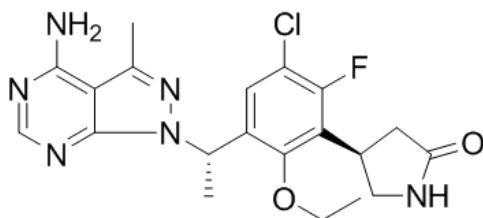
Formula $C_{20}H_{22}ClFN_6O_2$ M.Wt 432.88

Solubility DMSO : 125 mg/mL (288.76 mM) 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

Parsaclisib is a potent and selective PI3K δ inhibitor, with an IC₅₀ of 1 nM at 1 mM ATP, and shows appr 20,000-fold selectivity for PI3K α , PI3K β , PI3K γ and 57 other kinases.

Parsaclisib (INCB050465) is a potent and selective PI3K δ with an IC₅₀ of 1 nM at 1 mM ATP, and shows appr 20,000-fold selectivity for PI3K α , PI3K β , PI3K γ and 57 other kinases. Parsaclisib displays significant activity with IC₅₀ values ranging from 0.2 to 2 nM in B and T cell proliferation

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

aaasys. Parsaclisib inhibits proliferation of several DLBCL and MCL cell lines in vitro ($EC_{50} < 10$ nM) [1].

[1]. Niu Shin, et al. Abstract 2671: INCB050465, a novel PI3K δ inhibitor, synergizes with PIM protein kinase inhibition to cause tumor regression in a model of DLBCL. Cancer Research. 2015, Aug. 75(15).

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA