



Product Information

Product ID C2802
CAS No. 1007207-67-1
Chemical Name

Synonym

Formula $C_{15}H_{19}N_7O_3S$
Formula Wt. 377.42

Melting Point

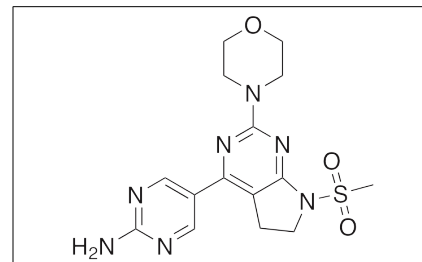
Purity $\geq 98\%$

Solubility DMSO 12 mg/mL (31.79 mM)
Water Insoluble
Ethanol Insoluble

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description CH5132799 is an inhibitor of PI3K that is somewhat selective for p110 α isoforms. This compound exhibits anticancer chemotherapeutic activity, inhibiting cell proliferation and tumor growth in breast cancer, ovarian cancer, prostate cancer, and endometrial cancer models.



Bulk quantities available upon request

Product ID	Size
C2802	1 mg
C2802	5 mg
C2802	25 mg

References Tanaka H, Yoshida M, Tanimura H, et al. The selective class I PI3K inhibitor CH5132799 targets human cancers harboring oncogenic PIK3CA mutations. Clin Cancer Res. 2011 May 15;17(10):3272-81. PMID: 21558396.

Ohwada J, Ebiike H, Kawada H, et al. Discovery and biological activity of a novel class I PI3K inhibitor, CH5132799. Bioorg Med Chem Lett. 2011 Mar 15;21(6):1767-72. PMID: 21316229.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.