



Product Information

Product ID C6818

CAS No. 670220-88-9

Chemical Name

Synonym CP-868596

Formula C₂₆H₂₉N₅O₂

Formula Wt. 443.54

Melting Point

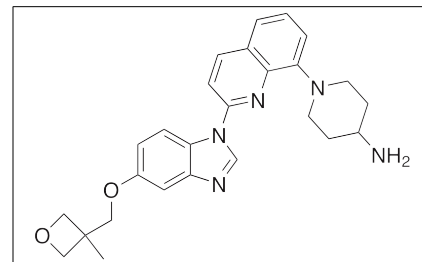
Purity ≥98%

Solubility 10 mM in DMSO

Store Temp -20°C

Ship Temp Ambient

Description Crenolanib is an inhibitor of FLT3 and PDGFR that exhibits anticancer chemotherapeutic activity. Crenolanib inhibits cell proliferation and induces apoptosis in non-small cell lung cancer (NSCLC) and acute myelogenous leukemia (AML) cells. In animal models of NSCLC, crenolanib inhibits tumor growth.



Bulk quantities available upon request

Product ID	Size
C6818	1 mg
C6818	5 mg
C6818	10 mg

References Wang P, Song L, Ge H, et al. Crenolanib, a PDGFR inhibitor, suppresses lung cancer cell proliferation and inhibits tumor growth in vivo. *Onco Targets Ther.* 2014 Sep 26;7:1761-8. PMID: 25328409.

Smith CC, Lasater EA, Lin KC, et al. Crenolanib is a selective type I pan-FLT3 inhibitor. *Proc Natl Acad Sci U S A.* 2014 Apr 8;111(14):5319-24. PMID: 24623852.

Zimmerman EI, Turner DC, Buaboonnam J, et al. Crenolanib is active against models of drug-resistant FLT3-ITD-positive acute myeloid leukemia. *Blood.* 2013 Nov 21;122(22):3607-15. PMID: 24046014.

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