
Crenolanib

产品编号: D51001

CAS: 670220-88-9

分子式: C₂₆H₂₉N₅O₂

纯度: ≥98%

InChi: InChI=1S/C₂₆H₂₉N₅O₂/c1-26(14-32-15-26)16-33-20-6-7-22-21(13-20)28-17-31(22)24-8-5-18-3
-2-4-23(25(18)29-24)30-11-9-19(27)10-12-30/h2-8,13,17,19H,9-12,14-16,27H2,1H3

InChi Key: DYNHJHQFHTFTP-UHFFFAOYSA-N

Smiles: CC1(COC2C=C3N=CN(C4=CC=C5C=CC=C(C5=N4)N4CCC(N)CC4)C3=CC=2)COC1

外观: 固体粉末

作用通路: Autophagy

溶解性: 10 mM in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Crenolanib is a potent and selective inhibitor of PDGFR α/β , FLT3 with K_d of 2.1 nM/3.2 nM, 0.74 nM, respectively, sensitive to D842V mutation not V561D mutation, and > 100-fold more selective for PDGFR than c-Kit, VEGFR-2, TIE-2, FGFR-2, EGFR, erbB2, and Src.