

Product Name : BRAF inhibitor 13

Synonyms : BRAF-IN-13

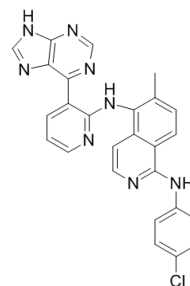
Cat No. : M10357

CAS Number : 1093100-40-3

Molecular Formula : C₂₆H₁₉ClN₈

Formula Weight : 478.94

Chemical Name : N5-(3-(9H-purin-6-yl)pyridin-2-yl)-N1-(4-chlorophenyl)-6-methylisoquinoline-1,5-diamine



Description : A potent and selective B-Raf inhibitor with IC₅₀ of 0.31 μM and 2 nM for A375 proliferation and A375 p-ERK respectively; induces proliferation and hyperplasia in normal tissues of mice.

Pathway : MAPK/ERK Signaling

Target : Raf

Receptor : B-Raf

Solubility : DMSO: ≥53 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : CC1=C(C2=C(C=C1)C(=NC=C2)NC3=CC=C(C=C3)Cl)NC4=C(C=CC=N4)C5=C6C(=NC=N5)N=CN6

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wang X, et al. J Med Chem. 2012 Sep 13;55(17):7332-41.