

Product Name : MAP3K14-IN-173

Synonyms : MAP3K14 inhibitor

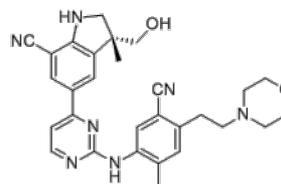
Cat No. : M13357

CAS Number : 2113617-02-8

Molecular Formula : C₂₉H₃₁N₇O₂

Formula Weight : 509.61

Chemical Name : (R)-5-(2-((5-cyano-2-methyl-4-(2-morpholinoethyl)phenyl)amino)pyrimidin-4-yl)-3-(hydroxymethyl)-3-methylindoline-7-carbonitrile



Description : A novel potent MAP3K14 kinase inhibitor with IC₅₀ of 1.8 nM (NIK autophosphorylation); inhibits p-IKK α levels of L363 (NIK translocated multiple myeloma) cells with IC₅₀ of 1.3 nM; exhibits antiproliferative activity on JIN-3 (NIK translocated) multiple myeloma cells (IC₅₀=29 nM).

Pathway : MAPK/ERK Signaling

Target : MEK

Receptor : MEK

Solubility : —

SMILES : N#CC1=CC(C2=NC(NC3=CC(C#N)=C(CCN4CCOCC4)C=C3C)=NC=C2)=CC5=C1NC[C@@]5(CO)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kargbo RB, et al. ACS Med Chem Lett. 2017 Aug 17;8(9):908-910. | 2. Patent WO2017125530 A1, compound example 173.