

Product Name : LDN-214117

Synonyms : LDN214117

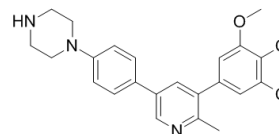
Cat No. : M12410

CAS Number : 1627503-67-6

Molecular Formula : C₂₅H₂₉N₃O₃

Formula Weight : 419.52

Chemical Name : Piperazine, 1-[4-[6-methyl-5-(3,4,5-trimethoxyphenyl)-3-pyridinyl]phenyl]-



Description : A potent and selective ALK2 inhibitor with a biochemical IC₅₀ of 24 nM, a cell-based IC₅₀ for BMP6 of 100 nM; displays 164-fold selectivity for BMP6 versus TGF-β1; a highly selective probes of BMP-mediated cellular physiology.

Pathway : TGF-beta/Smad

Target : TGFBR

Receptor : ALK2

Solubility : 10 mM in DMSO

SMILES : COC1=C(OC)C(OC)=CC(C2=C(C)N=CC(C3=CC=C(N4CCNCC4)C=C3)=C2)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Mohedas AH, et al. J Med Chem. 2014 Oct 9;57(19):7900-15.