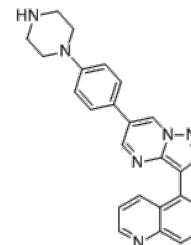


Product Name : LDN-212854
Cat. No. : PC-21393
CAS No. : 1432597-26-6
Molecular Formula : C₂₅H₂₂N₆
Molecular Weight : 406.49
Target : TGF beta Receptor (TGFBR)
Solubility : 10 mM in DMSO



Biological Activity

LDN-212854 is a potent, ALK2-biased BMP type I receptor kinase (ACVR1) inhibitor that potently inhibits ALK2 (IC₅₀=1.3 nM) and ALK1 (IC₅₀=2.40 nM).

LDN-212854 potently inhibits heterotopic ossification in an inducible transgenic mutant ALK2 mouse model of fibrodysplasia ossificans progressiva.

LDN-212854 suppresses HCC tumor progression through repression of ID1 in HCC xenografts model.

References

Mohedas AH, et al. ACS Chem Biol. 2013;8(6):1291-302.

Han Chen, et al. Mol Oncol. 2021 Aug;15(8):2203-2218.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com