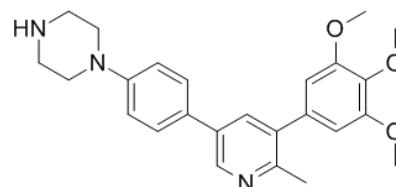


Product Name : LDN-214117
Cat. No. : PC-45058
CAS No. : 1627503-67-6
Molecular Formula : C₂₅H₂₉N₃O₃
Molecular Weight : 419.5161
Target : TGF beta Receptor (TGFBR)
Solubility : 10 mM in DMSO



Biological Activity

LDN-214117 (LDN214117) is a potent and selective **ALK2** inhibitor with a biochemical IC₅₀ of 24 nM, a cell-based IC₅₀ for BMP6 of 100 nM.

LDN-214117 displays 164-fold selectivity for BMP6 versus TGF-β1.

LDN-214117 is a highly selective probe of BMP-mediated cellular physiology.

References

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

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

E-mail: tech@probechem.com