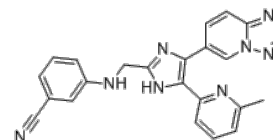


Product Name : EW-7195
Cat. No. : PC-61446
CAS No. : 1352609-28-9
Molecular Formula : C₂₃H₁₈N₈
Molecular Weight : 406.453
Target : TGF beta Receptor (TGFBR)
Solubility : 10 mM in DMSO



Biological Activity

EW-7195 (EW7195) is a potent and selective TGF-βRI (**ALK5**) inhibitor with IC₅₀ of 4.83 nM, displays >300-fold selectivity over p38α.

EW-7195 decreases phosphorylated Smad2 levels and the nuclear translocation of Smad2 increased by TGF-β1, inhibits TGF-β1-induced epithelial-to-mesenchymal transition (EMT) and wound healing of NMuMG cells.

EW-7195 inhibits metastasis to lung from breast tumours in xenografted mice.

References

Park CY, et al. *Eur J Cancer*. 2011 Nov;47(17):2642-53.

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

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