

Cat No. 38-X30

GW788388

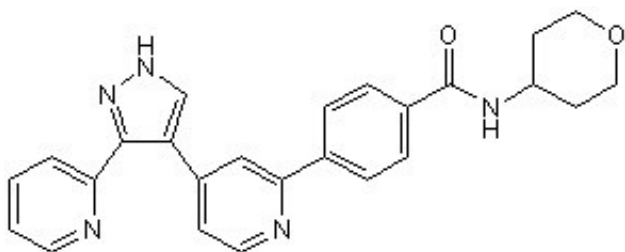
5mg



For research purposes only

GW788388 is a selective inhibitor of transforming growth factor-beta type I (TGF-beta1) receptor (activin receptor-like kinase 5 (ALK5)). It is known to inhibit esophageal squamous cell carcinoma induced neoangiogenesis.

TECHNICAL INFORMATION



Other Names: 4-(4-(3-(pyridine-2-yl)-1H-pyrazol-4-yl)-N-(tetrahydro-2H-pyran-4-yl)benzamide

Chemical Formula: C₂₅H₂₃N₅O₂

CAS Number: 452342-67-5

PubChem Substance ID: 10202642

Molecular Weight: 425.48

Purity: >99%

Appearance: White-Tan Powder

Solubility: DMSO

IC₅₀ : ALK5: 18nM

STORAGE AND HANDLING

Storage: Store at 4°C and protected from light. Following reconstitution, store aliquots at -20°C.

Stability: Stock solutions stable at -20°C for up to 2 years.

Shipping Conditions: Shipped at room temperature.

PRODUCT USE

Soluble in ≥33mg/mL of DMSO.

REFERENCES

1. De Oliveira, F.L., et al (2012). Oral administration of GW788388, an inhibitor of transforming growth factor beta signaling, prevents heart fibrosis in chagas disease. PLoS Negl Trop Dis. 6:1696.
2. Petersen, M., et al (2008). Oral administration of GW788388, an inhibitor of TGF-beta type I and II receptor kinases, decreases renal fibrosis. Kidney Int. 73:705-15.