
GW788388

产品编号: D51458

CAS: 452342-67-5

分子式: C₂₅H₂₃N₅O₂

纯度: ≥98%

InChi: InChi=1S/C₂₅H₂₃N₅O₂/c31-25(29-20-9-13-32-14-10-20)18-6-4-17(5-7-18)23-15-19(8-12-27-23)
21-16-28-30-24(21)22-3-1-2-11-26-22/h1-8,11-12,15-16,20H,9-10,13-14H₂, (H,28,30)(H,29,31)

InChi Key: SAGZIBJAQGBRQA-UHFFFAOYSA-N

Smiles: O=C(NC1CCOCC1)C1C=CC(=CC=1)C1C=C(C=CN=1)C1=CN=C1C1C=CC=CN=1

外观: 固体粉末

作用通路: TGF-β Receptor

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: GW788388 is a new TGF-beta type I receptor inhibitor with a much improved pharmacokinetic profile compared with SB431542. We studied its effect in vitro and found that it inhibited both the TGF-beta type I and type II receptor kinase activities, but not that of the related bone morphogenic protein type II receptor. Further, it blocked TGF-beta-induced Smad activation and target gene expression, while decreasing epithelial-mesenchymal transitions and fibrogenesis.