

SB505124

产品编号: D51310

CAS: 694433-59-5

分子式: C₂₀H₂₁N₃O₂

纯度: $\geq 98\%$

InChI: InChI=1S/C20H21N3O2/c1-12-6-5-7-14(21-12)18-17(22-19(23-18)20(2,3)4)13-8-9-15-16(10-13)25-11-24-15/h5-10H,11H2,1-4H3,(H,22,23)

InChi Key: WGZOTBUYUFBEPZ-UHFFFAOYSA-N

Smiles: CC1=CC=CC(=N1)C1NC(=NC=1C1C=CC2OCOC=2C=1)C(C)(C)C

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: SB505124 is a selective inhibitor of transforming growth factor- β type I receptor (ALK5, ALK4 and ALK7) with potential anticancer activity. SB505124 selectively inhibits signaling from TGF- β and activin; does not inhibit other ALK family members. SB-505124 selectively and concentration-dependently inhibits ALK4-, ALK5-, and ALK 7-dependent activation of downstream cytoplasmic signal transducers, Smad2 and Smad3, and of TGF-beta-induced mitogen-activated protein kinase pathway components but does not alter ALK1, ALK2, ALK3 or ALK6-induced Smad signaling.