

产品名称 : C25-140

同义词 : TRAF6-Ubc13 inhibitor C25-140

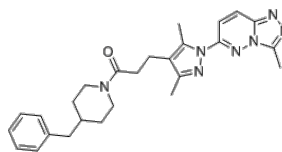
产品货号 : M11470

CAS Number : 1358099-18-9

分子式 : C₂₆H₃₁N₇O

分子量 : 457.582

化学全名 : 1-(4-benzylpiperidin-1-yl)-3-(3,5-dimethyl-1-(3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazol-4-yl)propan-1-one



产品描述 : C25-140 is a specific, first-in-class small molecule inhibitor of the TRAF6-Ubc13 interaction, binds TRAF6, inhibits TRAF6-Ubc13 interaction and TRAF6 activity; C25-140 effectively reduced TRAF6-mediated ubiquitin chain formation in vitro, impedes NF-κB activation in various immune and inflammatory signaling pathways also in primary human and murine cells; does not effect other E3 ligases (MDM2, TRIM63, ITCH, E6AP and RNF4), also does inhibit E1/E2 reactions.

通路 : Proteasome/Ubiquitin

靶点 : E2

受体 : E2

溶解度 : DMSO : ≥ 130 mg/mL 284.11 mM

SMILES : O=C(N1CCC(CC2=CC=CC=C2)CC1)CCC3=C(C)N(C4=NN5C(C=C4)=NN=C5C)N=C3C

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Brenke JK, et al. J Biol Chem. 2018 Jun 27. pii: jbc.RA118.002649.