
CB-5083

产品编号: D50962

CAS: 1542705-92-9

分子式: C₂₄H₂₃N₅O₂

纯度: ≥98%

InChi: InChi=1S/C₂₄H₂₃N₅O₂/c1-15-12-18-17(22(25)30)8-5-9-21(18)29(15)24-27-20-10-11-31-14-19(20)23(28-24)26-13-16-6-3-2-4-7-16/h2-9,12H,10-11,13-14H2,1H3,(H2,25,30)(H,26,27,28)

InChi Key: RDALZZCKQFLGJP-UHFFFAOYSA-N

Smiles: CC1=CC2C(=CC=CC=2N1C1=NC2CCOCC=2C(NCC2C=CC=CC=2)=N1)C(N)=O

外观: 固体粉末

作用通路: p97

溶解性: DMSO up to 100 mM

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

产品介绍: CB-5083 is a novel first in class, potent orally bio-available p97 inhibitor that disrupts cellular protein homeostasis and demonstrates anti-tumor activity in solid and hematological models . CB-5083 causes rapid and sustained accumulation of poly-ubiquitin in tumor xenografts after a single administration. CB-5083 showed activity to inhibit tumor growth in multiple rodent models of human cancer. Furthermore, CB-5083 appears to exhibit greater potency over current proteasome inhibitors that further validate targeting p97 and protein homeostasis in the treatment of cancer.