
BO-264

产品编号: D51556

CAS: 2408648-20-2

分子式: C₁₈H₁₉N₅O₃

纯度: ≥98%

InChi: InChI=1S/C₁₈H₁₉N₅O₃/c1-24-14-4-2-13(3-5-14)15-12-17(26-22-15)20-16-6-7-19-18(21-16)23-8-10-25-11-9-23/h2-7,12H,8-11H₂,1H₃,(H,19,20,21)

InChi Key: WRCGBYNVBFVRTN-UHFFFAOYSA-N

Smiles: COC1=CC=C(C=C1)C1C=C(NC2C=CN=C(N=2)N2CCOCC2)ON=1

外观: 固体粉末

作用通路: Apoptosis

溶解性: Soluble in DMSO

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

产品介绍: BO-264 is a highly potent and orally active transforming acidic coiled-coil 3 (TACC3) inhibitor with an IC₅₀ of 188 nM and a K_d of 1.5 nM. BO-264 demonstrated superior anti-proliferative activity to the two currently reported TACC3 inhibitors, especially in aggressive breast cancer subtypes, basal and HER2+, via spindle assembly checkpoint (SAC)-dependent mitotic arrest, DNA damage and apoptosis, while the cytotoxicity against normal breast cells was negligible.