
TZ9

产品编号: D50943

CAS: 1002789-86-7

分子式: C₁₇H₁₄N₆O₄

纯度: ≥98%

InChi: InChI=1S/C₁₇H₁₄N₆O₄/c18-16-20-14(21-17(22-16)19-12-4-2-1-3-5-12)10-27-15(24)11-6-8-13(9-7-11)23(25)26/h1-9H,10H₂, (H₃,18,19,20,21,22)

InChi Key: RRRDZFQRNJKHL-UHFFFAOYSA-N

Smiles: NC1N=C(NC2C=CC=CC=2)N=C(COC(=O)C2C=CC(=CC=2)[N+](=[O-])=O)N=1

外观: 固体粉末

作用通路: E1/E2/E3 Enzyme

溶解性: DMSO up to 50 mM

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

产品介绍: TZ9 is a selective and cell permeable inhibitor of human E2 ubiquitin-conjugating enzyme Rad6B. It binds to the Rad6B catalytic site, inhibits Rad6B-induced histone H2A ubiquitination, downregulates intracellular β -catenin. It can induce G2/M arrest and apoptosis, and inhibit proliferation and migration of metastatic human breast cancer cells (IC₅₀ ~6 μ M).