
Kenpaullone

产品编号: D51094

CAS: 142273-20-9

分子式: C₁₆H₁₁BrN₂O

纯度: ≥98%

InChi: InChi=1S/C₁₆H₁₁BrN₂O/c17-9-5-6-14-11(7-9)12-8-15(20)18-13-4-2-1-3-10(13)16(12)19-14/h1-7,19H,8H2,(H,18,20)

InChi Key: QQUXFYAWXPMDOE-UHFFFAOYSA-N

Smiles: O=C1CC2=C(NC3=CC=C(Br)C=C32)C2C=CC=CC=2N1

外观: 固体粉末

作用通路: CDK

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: Kenpaullone is a potent inhibitor of CDK1/cyclin B (IC₅₀ = 400 nM), CDK2/cyclin A (IC₅₀ = 680 nM), CDK2/cyclin E (IC₅₀ = 7.5 μM) and CDK5/p25 (IC₅₀ = 850 nM). Kenpaullone inhibits CDK2/cyclin A, CDK2/cyclin E and CDK5/cyclin/p35 (IC₅₀ values are 0.68, 7.5 and 0.85 μM respectively).