
IC 86621

产品编号: D53003

CAS: 404009-40-1

分子式: C₁₂H₁₅NO₃

纯度: 99.33%

InChi Key: InChIKey=YHKSBKQXCWHTQL-UHFFFAOYSA-N

Smiles: O=C(C1=CC=C(C=C1O)N2CCOCC2)C

外观: 固体粉末

作用通路: DNA Damage/DNA Repair;PI3K/Akt/mTOR signaling;Apoptosis

作用靶点: DNA-PK;Apoptosis

溶解性: DMSO: 50 mg/mL (225.99 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: IC 86621 is a selective and reversible ATP-competitive inhibitor of DNA-PK with an IC₅₀ of 120 nM. IC 86621 increases DNA double-strand break(DSB)-induced antitumor activity with an EC₅₀ of 68 μM for DNA-PK mediated cellular DSB repair.