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## CAN508

产品编号: D58529

CAS: 140651-18-9

分子式: C<sub>9</sub>H<sub>10</sub>N<sub>6</sub>O

纯度: 100%

InChi Key: InChIKey=AYZRKFOEZQBUEA-OUKQBFOZSA-N

Smiles: OC1=CC=C(/N=N/C2=C(N)NN=C2N)C=C1

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint

作用靶点: CDK

溶解性: DMSO:250 mg/mL (1145.63 mM; Need ultrasonic)

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

产品介绍: CAN508 is a potent, ATP-competitive CDK9/cyclin T1 inhibitor with an IC<sub>50</sub> of 0.35 μM. It is also a competitive inhibitor of Cdk2-cyclin E with respect to ATP, with K<sub>i</sub> and IC<sub>50</sub> values of 13.3 and 20 μM, respectively. CAN508 exhibits a 38-fold selectivity for CDK9/cyclin T over other CDK/cyclin complexes. Antitumor activity.