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## NG 52

产品编号: D60097

CAS: 212779-48-1

分子式: C<sub>16</sub>H<sub>19</sub>ClN<sub>6</sub>O

纯度: 99%

InChi Key: InChIKey=XZEFMZCNXDQXOZ-UHFFFAOYSA-N

Smiles: CC(C)n1cnc2c1nc(NCCO)nc2Nc1cc(Cl)ccc1

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint

作用靶点: cdc2-cyclin B; Pho85p; Cdc28p; Phosphoglycerate kinase 1(PGK1); CDK

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: NG 52 is a potent, cell-permeable, selective, ATP-compatible and orally active Cdc28p and Pho85p kinase inhibitor with IC<sub>50</sub>s of 7 μM and 2 μM, respectively. NG 52 also inhibits the activity of phosphoglycerate kinase 1 (PGK1) with an IC<sub>50</sub> of 2.5 μM. NG 52 is inactive against yeast kinases Kin28p, Srb10, and Cak1p