

NG 52

Catalog No: tcsc1187



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

212779-48-1

Formula:

$C_{16}H_{19}ClN_6O$

Pathway:

Cell Cycle/DNA Damage

Target:

CDK

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Compound 52

Observed Molecular Weight:

346.81

Product Description

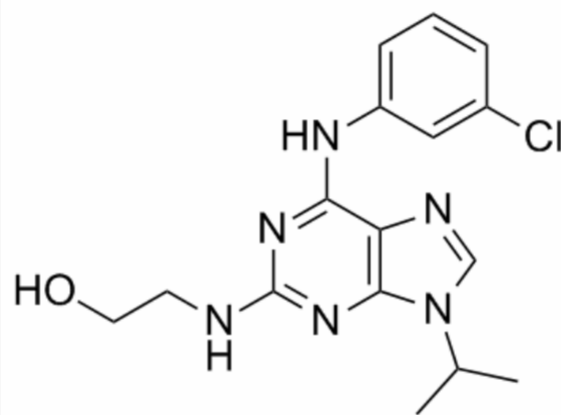
NG 52 (Compound 52) is a potent, cell-permeable, reversible, selective, and ATP-compatible inhibitor of the cell cycle-regulating kinase, Cdc28p ($IC_{50} = 7 \mu M$), and the related Pho85p kinase ($IC_{50} = 2 \mu M$).

IC_{50} value: 7 μM [1]

Target: Cdc28p

Compound 52 inhibited growth in a drug-sensitized yeast strain

with a GI_{50} of 30 μM . In contrast, the closely related compound 52Me proved to be a significantly weaker inhibitor of yeast growth ($GI_{50}=200 \mu M$).



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!