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DATASHEET

NU6102

Product overview

 Name
 NU6102

 Cat No
 HB4002

 Purity
 >98%

Description Potent CDK1 and CDK2 inhibitor

Biological Data

Biological description Potent CDK1/cyclin B (IC $_{50} = 9.5 \text{ nM}$) and CDK2/cyclin A3 (IC $_{50} = 5.4 \text{ nM}$) inhibitor. 1'000-fold more

potent than NU2058. Selective for CDK1 and CDK2 compared to CDK4/D1 (IC $_{50}$ = 1. 6 $\mu M),\,DYRK1A$

(IC $_{50}$ = 0. 9 $\mu M),$ PDK1 (IC $_{50}$ = 0. 8 $\mu M)$ and ROCK-II (IC $_{50}$ = 0. 6 $\mu M). Inhibits cell growth.$

Solubility & Handling

Storage instructions
Storage of solutions

+4°C

Prepare and use solutions on the same day if possible. Store solutions at -20 $^{\circ}$ C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure CAS Number InChiKey Appearance

OWXORKPNCHJYOF-UHFFFAOYSA-N

White to off-white solid