Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@m2stage.hellobio.com



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

+4°C

Important

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 402.5

CAS Number InChiKey Appearance

444722-95-6 OWXORKPNCHJYOF-UHFFFAOYSA-N

White to off-white solid