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## DATASHEET

NU6102

### Product overview

<b>Name</b>	NU6102
<b>Cat No</b>	HB4002
<b>Purity</b>	>98%
<b>Description</b>	Potent CDK1 and CDK2 inhibitor

### Biological Data

<b>Biological description</b>	Potent CDK1/cyclin B ( $IC_{50} = 9.5$ nM) and CDK2/cyclin A3 ( $IC_{50} = 5.4$ 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.
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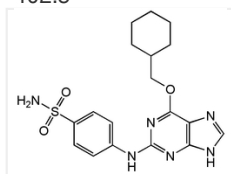
### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	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



<b>CAS Number</b>	444722-95-6
<b>InChiKey</b>	OWXORKPNCHJYOF-UHFFFAOYSA-N
<b>Appearance</b>	White to off-white solid