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DATASHEET

NU6102

Product overview

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

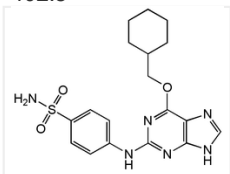
Biological Data

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 ($IC_{50} = 1.6 \text{ }\mu\text{M}$), DYRK1A ($IC_{50} = 0.9 \text{ }\mu\text{M}$), PDK1 ($IC_{50} = 0.8 \text{ }\mu\text{M}$) and ROCK-II ($IC_{50} = 0.6 \text{ }\mu\text{M}$). Inhibits cell growth.
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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	402.5
Chemical structure	
CAS Number	444722-95-6
InChiKey	OWXORKPNCHJYOF-UHFFFAOYSA-N
Appearance	White to off-white solid