



## Product Information

### CDK inhibitor NU6140, Purity $\geq 98\%$

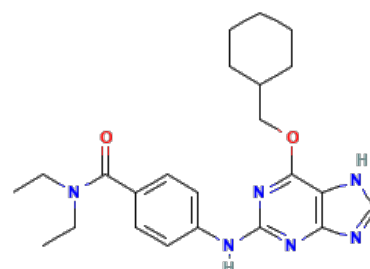
**Cat. No.:** X24-05-ZQ812

**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 444723-13-1

**Synonym:** 444723-13-1; NU 6140; NU-6140; CDK inhibitor

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	NU6140 is an CDK kinase inhibitor that disrupts cell division processes. It targets Aurora A, Aurora B, CDK1-Cyclin B, and cdk2-cyclin A.
<b>Molecular Weight</b>	422.52
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>30</sub> N <sub>6</sub> O <sub>2</sub>
<b>Targets</b>	Aurora A: 67 nM; Aurora B: 35 nM; CDK1-Cyclin B: 6.6 $\mu$ M; cdk2-cyclin A: 0.41 $\mu$ M
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	NU6140 can be used to study its inhibition of CDK2, impacting cell cycle regulation and cancer cell proliferation.
<b>Storage</b>	Store at -20°C.