



## Product Information

### CDK inhibitor NU6300, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ817

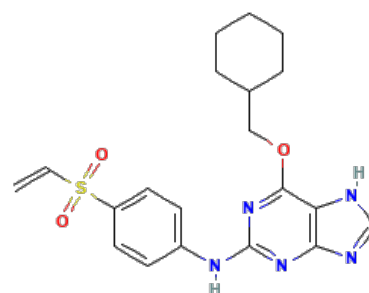
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 2070015-09-5

**Compound CID:** 118704754

**Synonym:** 2070015-09-5; NU 6300; NU-6300; CDK inhibitor

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



#### Product Information

<b>Description</b>	NU6300 is an CDK kinase inhibitor that disrupts cell division processes.
<b>Molecular Weight</b>	413.49
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> N <sub>5</sub> O <sub>3</sub> S
<b>IUPAC Name</b>	6-(Cyclohexylmethoxy)-N-(4-ethenylsulfonylphenyl)-7H-purin-2-amine
<b>InChI</b>	InChI=1S/C20H23N5O3S/c1-2-29(26,27)16-10-8-15(9-11-16)23-20-24-18-17(21-13-22-18)19(25-20)28-12-14-6-4-3-5-7-14/h2,8-11,13-14H,1,3-7,12H2,(H2,21,22,23,24,25)
<b>InChI Key</b>	KGWSQGUVJUGIPF-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C=CS(=O)(=O)C1=CC=C(C=C1)NC2=NC3=C(C(=N2)OCC4CCCCC4)NC=N3
<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>	NU6300 can be used to explore its role in inhibiting CDKs, impacting cell cycle regulation and cancer therapy.
<b>Storage</b>	Store at -20°C.