



## Product Information

### CDK inhibitor SR-4835, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ837

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

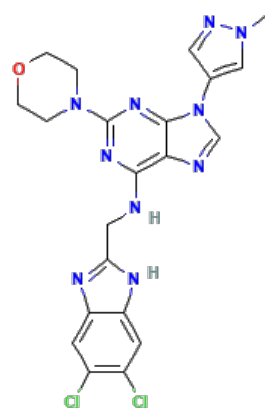
**MDL:** MFCD32263441

**CAS Number:** 2387704-62-1

**Compound CID:** 139600338

**Synonym:** 2387704-62-1; SR4835; SR 4835; CDK inhibitor

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



#### Product Information

<b>Description</b>	SR-4835 is an CDK kinase inhibitor that disrupts cell division processes.
<b>Molecular Weight</b>	499.36
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>10</sub> O
<b>IUPAC Name</b>	<i>N</i> -[(5,6-dichloro-1 <i>H</i> -benzimidazol-2-yl)methyl]-9-(1-methylpyrazol-4-yl)-2-morpholin-4-ylpurin-6-amine
<b>InChI</b>	InChI=1S/C21H20Cl2N10O/c1-31-10-12(8-26-31)33-11-25-18-19(29-21(30-20(18)33)32-2-4-34-5-3-32)24-9-17-27-15-6-13(22)14(23)7-16(15)28-17/h6-8,10-11H,2-5,9H2,1H3,(H,27,28)(H,24,29,30)
<b>InChI Key</b>	FSELUFUYNUNZKD-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CN1C=C(C=N1)N2C=NC3=C(N=C(N=C32)N4CCOCC4)NCC5=NC6=CC(=C(C=C6N5)Cl)Cl
<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>	SR-4835 is employed to investigate its dual inhibitory effects on CDK12 and CDK13 in transcription regulation.
<b>Storage</b>	Store at -20°C.