



## Product Information

### CDK inhibitor PHA-767491, Purity ≥98%

**Cat. No.:** X24-05-ZQ732

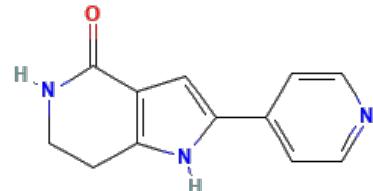
**Size:** 10 mg; 50 mg; 100 mg

**CAS Number:** 845714-00-3

**Compound CID:** 11715767

**Synonym:** 845714-00-3; PHA767491; CDK inhibitor

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



### Product Information

<b>Description</b>	PHA-767491 is an CDK kinase inhibitor that disrupts cell division processes. It targets CDK1, CDK2, CDK5, and CDK9.
<b>Molecular Weight</b>	213.24
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>11</sub> N <sub>3</sub> O
<b>Targets</b>	CDK1: 250 nM; CDK2: 240 nM; CDK5: 460 nM; CDK9: 34 nM
<b>IUPAC Name</b>	2-Pyridin-4-yl-1,5,6,7-tetrahydropyrrolo[3,2-c]pyridin-4-one
<b>InChI</b>	InChI=1S/C12H11N3O/c16-12-9-7-11(8-1-4-13-5-2-8)15-10(9)3-6-14-12/h1-2,4-5,7,15H,3,6H2,(H,14,16)
<b>InChI Key</b>	DKXHSOUZPMHNIZ-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CNC(=O)C2=C1NC(=C2)C3=CC=NC=C3
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥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>	PHA-767491 can be utilized to study its role as an inhibitor of CDK1 and CDC7, and its effects on DNA synthesis and tumor growth.
<b>Storage</b>	Store at -20°C.