



Product Information

CDK inhibitor PHA-767491, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ732

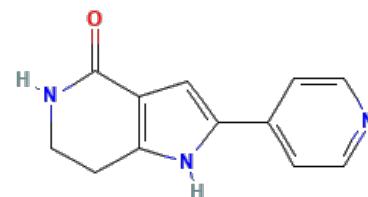
Size: 10 mg; 50 mg; 100 mg

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

Description	PHA-767491 is an CDK kinase inhibitor that disrupts cell division processes. It targets CDK1, CDK2, CDK5, and CDK9.
Molecular Weight	213.24
Molecular Formula	C ₁₂ H ₁₁ N ₃ O
Targets	CDK1: 250 nM; CDK2: 240 nM; CDK5: 460 nM; CDK9: 34 nM
IUPAC Name	2-Pyridin-4-yl-1,5,6,7-tetrahydropyrrolo[3,2-c]pyridin-4-one
InChI	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)
InChI Key	DKXHSOUZPMHNIZ-UHFFFAOYSA-N
Canonical SMILES	C1CNC(=O)C2=C1NC(=C2)C3=CC=NC=C3
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	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.
Storage	Store at -20°C.