CD BioGlyco
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Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

CDK inhibitor PHA-793887, Purity ≥98%

Cat. No.: X24-05-ZQ724

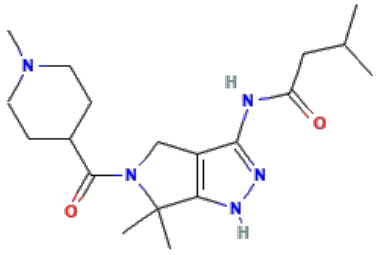
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 718630-59-2

Compound CID: 46191454

Synonym: 718630-59-2; PHA793887; CDK inhibitor

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



Product Information

Description	PHA-793887, soluble in DMSO and ethanol and insoluble in water, is an CDK kinase inhibitor that disrupts cell division processes. It targets CDK2/CyclinA, CDK2/CyclinE, CDK1/CyclinB, and CDK4/CyclinD1.
Molecular Weight	361.5
Molecular Formula	$C_{19}H_{31}N_5O_2$
Targets	CDK2/CyclinA: 8 nM; CDK2/CyclinE: 8 nM; CDK1/CyclinB: 60 nM; CDK4/CyclinD1: 62 nM
IUPAC Name	*N* -[6,6-dimethyl-5-(1-methylpiperidine-4-carbonyl)-1,4-dihydropyrrolo[3,4-c]pyrazol-3-yl]-3-methylbutanamide
InChI	InChI=1S/C19H31N5O2/c1-12(2)10-15(25)20-17-14-11-24(19(3,4)16(14)21-22-17)18(26)13-6-8-23(5)9-7-13/h12-13H,6-11H2,1-5H3,(H2,20,21,22,25)
InChI Key	HUXYBQXJVXOMKX-UHFFFAOYSA-N
Canonical SMILES	CC(C)CC(=O)NC1=NNC2=C1CN(C2(C)C)C(=O)C3CCN(CC3)C
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 61 mg/mL (168.75 mM); Water: Insoluble; Ethanol: 61 mg/mL (168.75 mM)
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-793887 can be employed in research to study its inhibition of CDKs and its potential in cancer therapy.

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Storage	Store at -20ºC.