

Product Datasheet

CDK8-IN-12 (orb1745164)

Catalog Number	orb1745164
Category	Small Molecules
Description	CDK8-IN-12 is a potent, selective, and orally bioavailable CDK8 inhibitor (Ki: 14 nM) with additional activity against GSK-3 α/β and PCK- θ . It demonstrates anti-proliferative effects in MV4-11 leukemia cells and is a valuable chemical probe for researching transcription-dependent cancers and inflammatory diseases in experimental models.
Target	GSK-3,PKC,CDK
Purity	99.83% (May vary between batches)
MW	381.86
Target Areas	PKC CDK GSK-3
Solubility (25°C)	DMSO:27.5 mg/mL (72.02 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.24 mM)
CAS Number	2613307-67-6
Formula	C ₂₁ H ₂₀ ClN ₃ O ₂
SMILES	<chem>O=C1C2(CCN(CC2)C=3C(=CN=CC3Cl)C4=CC=5C(O4)=CC=CC5)CCN1</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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