

Product Name	: CDK5-IN-3
Synonyms	: —
Cat No.	: M35550
CAS Number	: 2639542-32-6
Molecular Formula	: C22H26N4O
Formula Weight	: 362.47
Chemical Name	: —
Description	CDK5-IN-3 (compound 11) is a potent and selective CDK5 inhibitor, with IC50s of 0.6 nM and 18 nM for CDK5/p25 and CDK2/CycA, respectively. CDK5-IN-3 can be used for the research of autosomal dominant polycystic kidney disease (ADPKD).
Pathway	: Cell Cycle/DNA Damage
Target	: CDK
Receptor	: CDK
Solubility	: In Vitro: ?DMSO : 10 mg/mL (27.59 mM; Ultrasonic)
SMILES	: <chem>[C@](C)(O)(C1=NC2=C(C=C1)C=NC(NC3=CC=CC=C3)=C2)[C@H]4CCN(C)CC4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Discovery and Optimization of Highly Selective Inhibitors of CDK5. J Med Chem. 2022 Feb 24;65(4):3575-3596.?