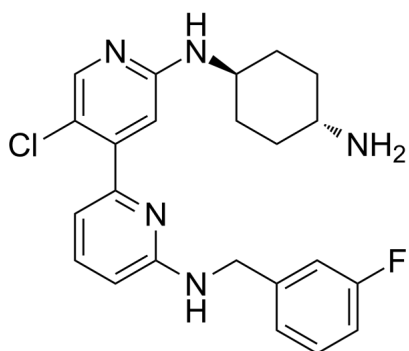


Data Sheet

Product Information

Catalog Number	BP13118
Product Name	CDK9-IN-2
Description	CDK9-IN-2 is a special CDK9 inhibitor extracted from patent WO/2012131594A1 (compound CDKI(8)) and has an IC ₅₀ of 5 nM and 7 nM in A2058 skin cell line (72 hours) and H929 multiple myeloma cell line (72 hours), respectively.
Targets&IC ₅₀	CDK9:5 nM, H929 multiple myeloma cell line:
In vitro	CDK9-IN-2 (200 nM) reduces the expression of MEPCE indicating that MEPCE is a pharmacodynamic marker for any CDK9 inhibitor. The expression of MCL1 protein is reduced 2 hours after treatment, and it is further reduced after 16-hour exposure to CDK9-IN-2 (500 nM).
CAS No.	1263369-28-3
Chemical Formula	C ₂₃ H ₂₅ ClFN ₅
Molecular Weight	425.94
Solubility	DMSO: 50 mg/mL (117.39 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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