

CDK9 Antagonist-1

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	CDK9 Antagonist-1 (compounds 11c) is a potent and selective CDK9 degrader based on PROTAC, with an IC50 of 17 μ M in MCF-7 cell lines. Natural product Wogonin binds ubiquitin E3 ligase cereblon (CRBN) via a linker to form PROTAC[1].
Targets(IC50)	Others
In vitro	CDK9: 17 μ M (IC50, MCF-7 cells)

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Bian J , et al. Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. Bioorg Chem. 2018 Dec;81:373-381.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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