

## CDK9-Cyclin T1 PPI-IN-1

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: 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-Cyclin T1 PPI-IN-1 (Compound B19) is a selective inhibitor of the CDK9-Cyclin T1 protein-protein interaction (PPI), suppressing cell proliferation in TNBC MDA-MB-231 cells with an IC50 of 0.044 $\mu$ M and inducing apoptosis. This compound diminishes CDK9 transcriptional activity and downregulates phosphorylation of RNA Pol II CTD ser2. In vivo, CDK9-Cyclin T1 PPI-IN-1 effectively impedes tumor growth in a TNBC 4T1 mouse model [1].
Targets(IC50)	Apoptosis,CDK

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