

CBP-501 acetate

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	CBP-501 acetate is a cell-permeable calmodulin-binding peptide and a candidate G2 phase checkpoint abrogator. It inhibits several Ser216-specific kinases, including MAPKAP-K2, C-Tak1, CHK1, and CHK2, with IC50 values of 0.9 μ M, 1.4 μ M, 3.4 μ M, and 6.5 μ M, respectively. CBP-501 acetate is applicable to various cancer research studies.
Targets(IC50)	CaMK,MAPK,Calmodulin,Chk,MAP3K
In vitro	CBP-501 acetate enhances the cytotoxicity of cisplatin (CDDP) and bleomycin against cancer cells both in vitro and in vivo.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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