

MYBMIM

Chemical Properties

CAS No. :

Formula: C166H296N60O45S

Molecular Weight:

Keep away from moisture

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	MYBMIM is an inhibitor of the MYB:CBP/P300 assembly complex [MYB:CBP/P300]. It suppresses the growth of leukemia cells.
Targets(IC50)	Apoptosis
In vitro	MYBMIM (10-20 μ M) inhibits the proliferation of acute myeloid leukemia cells over 6 days and induces apoptosis within 48 hours by downregulating the expression of the anti-apoptotic Bcl2 gene.
In vivo	MYBMIM (25 mg/kg, administered intraperitoneally twice daily for 14 consecutive days) effectively inhibits the progression of human leukemia tumors in a mouse xenograft model.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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