

Anticancer agent 195

Chemical Properties

CAS No. :

Formula: C₂₄H₂₈O₆

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	Anticancer agent 195 (Compound 10) acts as an ELF3-MED23 PPI inhibitor with a K _i of 0.68 μM. It induces apoptosis and exhibits antitumor activity.
Targets(IC50)	Apoptosis
In vitro	Anticancer agent 195 (10 μM) hinders the interaction between ELF3 and MED23, inhibits the activity of the HER2 promoter, and reduces AKT and MAPK phosphorylation. Additionally, in NCI-N87 cells, this agent exhibits antiproliferative effects and promotes apoptosis, effectively overcoming resistance to trastuzumab.
In vivo	The anticancer agent 195, administered at a dosage of 4 mg/kg through intravenous injection over a period of 25 days, inhibits tumor growth in athymic nude mice with NCI-N87 xenografts.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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