

Antiproliferative agent-43

Chemical Properties

CAS No. :

Formula: C45H57NO6S2

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	Antiproliferative agent-43 (Compound e4) exhibits significant cytotoxic effects on tumor cells, inducing apoptosis by arresting the cell cycle at the G1 phase.
Targets(IC50)	Apoptosis
In vitro	Antiproliferative agent-43, at concentrations of 0, 1.23, 2.45, and 2.90 μ M for 48 hours, causes G1 phase cell cycle arrest with abnormal nuclear morphology in K562 cells and induces apoptosis through the mitochondrial pathway.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481