

Anticancer agent 160

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	Anticancer agent 160 (Compound 6), a natural product extracted from Parthenium hysterophorus, exhibits cytotoxicity against HCT-116 cells with an IC50 of 5.0 μ M [1].
Targets(IC50)	Others
In vitro	M109S (0.1-10000 nM , 24-48 h) inhibits cell apoptosis induced by both Bax and Bak [1].
In vivo	M109S, administered orally at 10mg/kg with three doses over 48 hours, protects the retina against intense light-induced photoreceptor death [1]. As a bioactive inhibitor of cell death that penetrates the blood-brain/retinal barrier, M109S can be delivered through intraperitoneal injection at 1mg/kg, intravenous injection at 5mg/kg, or oral gavage at 10mg/kg [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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