

Brittonin A

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	Brittonin A, a methoxylated bibenzyl compound discovered in the liverwort <i>F. inouei</i> , exhibits anticancer properties. It demonstrates cytotoxic effects on KB cells and vincristine-resistant KB/VCR cells with IC50 values of 42.1 and 33.7 μM , respectively, as well as on K562 cells and adriamycin-resistant K562/A02 cells with IC50 values of 49.6 and 30.9 μM , respectively. At a concentration of 5 μM , Brittonin A enhances vincristine-induced cell death in KB/VCR cells and adriamycin-induced cell death in K562/A02 cells.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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