

3-(2-Hydroxyethyl) thio withaferin A

Chemical Properties

CAS No. :

Formula: C30H44O7S

Molecular Weight: 548.73

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	3-(2-Hydroxyethyl) thio withaferin A, a derivative of Withaferin A, is a steroidal lactone that inhibits NF-κB activation and targets vimentin, showcasing potent anti-inflammatory and anticancer properties. It also acts as an inhibitor of endothelial protein C receptor (EPCR) shedding [1] [2] [3].
Targets(IC50)	Others,NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8224 mL	9.1119 mL	18.2239 mL
5 mM	0.3645 mL	1.8224 mL	3.6448 mL
10 mM	0.1822 mL	0.9112 mL	1.8224 mL
50 mM	0.0364 mL	0.1822 mL	0.3645 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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