

Mudanpioside H

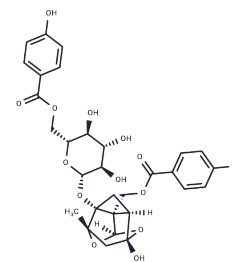
Chemical Properties

CAS No. : 231280-71-0

Formula: C₃₀H₃₂O₁₄

Molecular Weight: 616.57

Storage: Store at low temperature, Keep away from direct sunlight
 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	Mudanpioside H is a peony from the root bark of <i>Paeonia lactiflora</i> with a broad spectrum of antimicrobial activity and MIC values ranging from 100 to 500 microg/mL.
Targets(IC50)	Antibacterial
In vitro	Isolation of Mudanpioside H from peony root bark, and Mudanpioside H showed broad, but moderate, antibacterial activity with minimum inhibitory concentration (MIC) values in the range of 100 to 500 microg/mL against eighteen pathogenic microorganisms of concern for public health or zoonosis.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6219 mL	8.1094 mL	16.2188 mL
5 mM	0.3244 mL	1.6219 mL	3.2438 mL
10 mM	0.1622 mL	0.8109 mL	1.6219 mL
50 mM	0.0324 mL	0.1622 mL	0.3244 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481