

Saponins

Chemical Properties

CAS No. : 8047-15-2

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	Saponins (Sapogenins Glycosides) are a mixture of triterpene and steroid saponins isolated from medicinal plants such as Aesculus hippocastanum L., Hedera helix L. and Ruscus aculeatus L., which are claimed to be effective for the treatment/prevention of venous insufficiency.
Targets(IC50)	Others,Antibacterial,Antifungal
In vitro	Sapogenins glycosides are a mixture of triterpene and steroid saponins isolated from medicinal plants such as Aesculus hippocastanum L., Hedera helix L. and Ruscus aculeatus L., which are claimed to be effective for the treatment/prevention of venous insufficiency. Sapogenins are the aglycones, or non-saccharide, portions of the family of natural products known as saponins. They may non-competitively inhibit hyaluronidase and elastase activities. [1]

Solubility Information

Solubility	H2O: 38.46 mg/mL DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Facino RM, et al. Arch Pharm (Weinheim), 1995, 328(10), 720-724.

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