

## Stipuleanoside R2

## Chemical Properties

CAS No. : 96627-72-4

Formula: C53H84O23

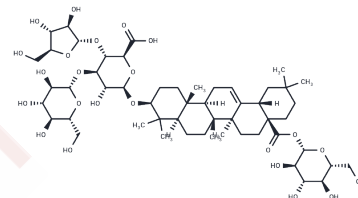
Molecular Weight: 1089.22

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Stipuleanoside R2 is a triterpenoid saponin compound from the family Pentacarpaceae that inhibits NF-κB activation and has potential applications in inflammation, immunology, and cancer research.
Targets(IC50)	NF-κB

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9181 mL	4.5904 mL	9.1809 mL
5 mM	0.1836 mL	0.9181 mL	1.8362 mL
10 mM	0.0918 mL	0.459 mL	0.9181 mL
50 mM	0.0184 mL	0.0918 mL	0.1836 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.

## Reference

Tang H F , Yi Y H , Wang Z Z , et al. OLEANOLIC ACID SAPONINS FROM THE ROOT BARK OF ARALIA TAIBAIENSIS[J]. ACTA PHARMACEUTICA SINICA, 1997.

Sato Y, et al. Oleanolic acid saponins from root-bark of Aralia elata. Phytochemistry. 1994 May;36(1):147-52.

Nhiem NX, Lim HY, Kiem PV, et al. Oleanane-type triterpene saponins from the bark of Aralia elata and their NF-κB inhibition and PPAR activation signal pathway. Bioorg Med Chem Lett. 2011;21(20):6143-6147.

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