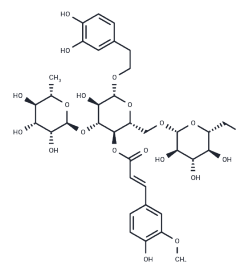


## Jionoside A1

## Chemical Properties

CAS No. :	120444-60-2
Formula:	C <sub>36</sub> H <sub>48</sub> O <sub>20</sub>
Molecular Weight:	800.75
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Jionoside A1 is isolated and purified from the roots of <i>Rehmannia glutinosa</i> . It displays dose-dependent immune-enhancement activity and possesses moderate neuroprotective activities on H <sub>2</sub> O <sub>2</sub> -treated SH-SY5Y cells.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 60 mg/mL (74.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2488 mL	6.2441 mL	12.4883 mL
5 mM	0.2498 mL	1.2488 mL	2.4977 mL
10 mM	0.1249 mL	0.6244 mL	1.2488 mL
50 mM	0.025 mL	0.1249 mL	0.2498 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

Shen L, et al. Identification of bioactive ingredients with immuno-enhancement and anti-oxidative effects from Fufang-Ejiao-Syrup by LC-MS(n) combined with bioassays.[J]. J Pharm Biomed Anal, 2016, 117(6):363-371.

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