

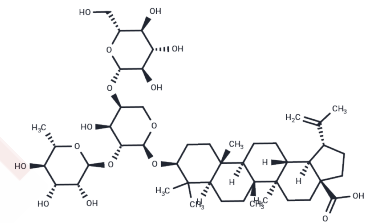
Betulinic acid 3 $\beta$ -O- $\alpha$ -L-rhamnopyranosyl-(1 $\rightarrow$ 2)-[ $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 4)]- $\alpha$ -L-arabinopyranoside

## Chemical Properties

CAS No. : 848784-87-2

Formula: C47H76O16

Molecular Weight: 897.1

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	Betulinic acid 3 $\beta$ -O- $\alpha$ -L-rhamnopyranosyl-(1 $\rightarrow$ 2)-[ $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 4)]- $\alpha$ -L-arabinopyranoside is a natural saponin suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1147 mL	5.5735 mL	11.147 mL
5 mM	0.2229 mL	1.1147 mL	2.2294 mL
10 mM	0.1115 mL	0.5574 mL	1.1147 mL
50 mM	0.0223 mL	0.1115 mL	0.2229 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

Gauthier C, et al. Haemolytic activity, cytotoxicity and membrane cell permeabilization of semi-synthetic and natural lupane- and oleanane-type saponins. *Bioorg Med Chem.* 2009;17(5):2002-2008.

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