

## Samidin

## Chemical Properties

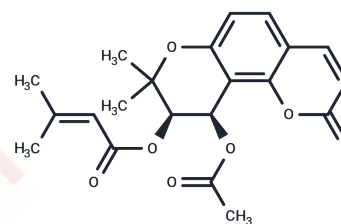
CAS No. : 477-33-8

Formula: C<sub>21</sub>H<sub>22</sub>O<sub>7</sub>

Molecular Weight: 386.4

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	Samidin has anti-inflammatory properties through suppression of NF- $\kappa$ B and AP-1-mediated-genes in lipopolysaccharide (LPS)-stimulated RAW 264.7 cells.
Targets(IC50)	NF- $\kappa$ B,COX,DNA/RNA Synthesis,JNK,p38 MAPK,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.588 mL	12.940 mL	25.8799 mL
5 mM	0.5176 mL	2.588 mL	5.176 mL
10 mM	0.2588 mL	1.294 mL	2.588 mL
50 mM	0.0518 mL	0.2588 mL	0.5176 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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