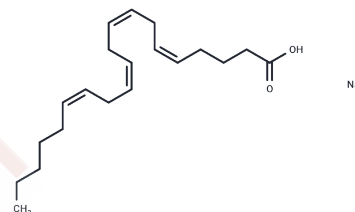


## Arachidonic acid sodium salt

## Chemical Properties

CAS No. :	6610-25-9
Formula:	C <sub>20</sub> H <sub>31</sub> NaO <sub>2</sub>
Molecular Weight:	326.45
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	Arachidonic acid sodium salt is a polyunsaturated omega-6 fatty acid that is a major component of biological membranes, serving as a substrate for various lipid mediators including prostaglandins (PG). It can improve cognitive responses and cardiovascular function, and can also be used to induce paw swelling models.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0633 mL	15.3163 mL	30.6326 mL
5 mM	0.6127 mL	3.0633 mL	6.1265 mL
10 mM	0.3063 mL	1.5316 mL	3.0633 mL
50 mM	0.0613 mL	0.3063 mL	0.6127 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.

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