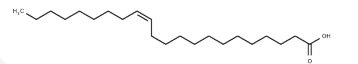


## Erucic acid sodium

## Chemical Properties

CAS No. :	14488-85-8
Formula:	C <sub>22</sub> H <sub>42</sub> NaO <sub>2</sub>
Molecular Weight:	361.56
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	Erucic acid sodium, a monounsaturated fatty acid (MUFA) extracted from the seeds of rapeseed, readily crosses the blood-brain barrier (BBB). It normalizes the accumulation of long-chain fatty acids in the brain, enhances cognitive function, and effectively prevents dementia.
Targets(IC50)	Endogenous Metabolite,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7658 mL	13.829 mL	27.6579 mL
5 mM	0.5532 mL	2.7658 mL	5.5316 mL
10 mM	0.2766 mL	1.3829 mL	2.7658 mL
50 mM	0.0553 mL	0.2766 mL	0.5532 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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