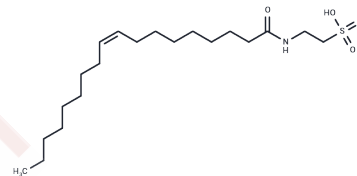


## N-Oleoyl Taurine

## Chemical Properties

CAS No. :	52514-04-2
Formula:	C <sub>20</sub> H <sub>39</sub> NO <sub>4</sub> S
Molecular Weight:	389.6
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	N-Oleoyl taurine, an amino-acyl endocannabinoid isolated from rat brain, along with several arachidonoyl amino acids such as N-arachidonoyl dopamine and N-arachidonoyl serine, have been derived from bovine brain. Mass spectral lipidomics analysis of rat brain revealed a series of fatty acyl amides of taurine, marking the discovery of a new class of compounds. These compounds, found in the kidney, are known to activate members of the transient receptor potential (TRP) family of calcium channels, with N-Oleoyl taurine specifically potentially activating TRPV1 and TRPV4 channels.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5667 mL	12.8337 mL	25.6674 mL
5 mM	0.5133 mL	2.5667 mL	5.1335 mL
10 mM	0.2567 mL	1.2834 mL	2.5667 mL
50 mM	0.0513 mL	0.2567 mL	0.5133 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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