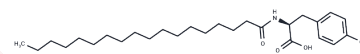


N-Stearoyltyrosine

Chemical Properties

CAS No. :	57993-25-6
Formula:	C ₂₇ H ₄₅ NO ₄
Molecular Weight:	447.65
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-Stearoyltyrosine (N-(1-Oxooctadecyl)-L-tyrosine) is an analog of Anandamide. It exhibits neuroprotective effects by safeguarding the CA1 region of the hippocampus in a gerbil ischemia-reperfusion model. Additionally, N-Stearoyltyrosine inhibits free radical generation, enhances antioxidant capacity, and reduces IR-induced apoptosis (cell apoptosis).
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2339 mL	11.1694 mL	22.3389 mL
5 mM	0.4468 mL	2.2339 mL	4.4678 mL
10 mM	0.2234 mL	1.1169 mL	2.2339 mL
50 mM	0.0447 mL	0.2234 mL	0.4468 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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