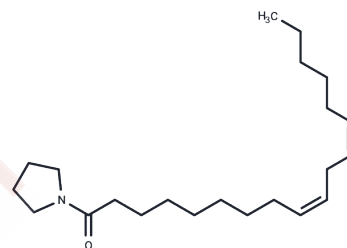


Pyrrolidine Linoleamide

Chemical Properties

CAS No. :	3140-51-0
Formula:	C ₂₂ H ₃₉ NO
Molecular Weight:	333.55
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	Linoleic acid is an essential fatty acid and one of the most abundant polyunsaturated fatty acids in the western diet. Pyrrolidine Linoleamide is a derivative of the amide of linoleic acid that shows potent antiproliferative activity against an array of cancer cell lines, including human glioma U251 cells. It is greater than 4-fold more effective against cancer cells than non-cancer cells.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 30 mg/mL (89.94 mM),Sonication is recommended. Ethanol:PBS (pH 7.2) (1:3): 0.25 mg/mL (0.75 mM),Sonication is recommended. DMSO: 25 mg/mL (74.95 mM),Sonication is recommended. DMF: 30 mg/mL (89.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9981 mL	14.9903 mL	29.9805 mL
5 mM	0.5996 mL	2.9981 mL	5.9961 mL
10 mM	0.2998 mL	1.499 mL	2.9981 mL
50 mM	0.060 mL	0.2998 mL	0.5996 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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