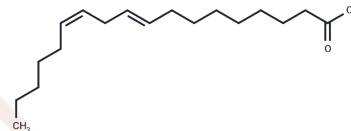


9(Z),12(E)-Octadecadienoic Acid

Chemical Properties

CAS No. :	2420-42-0
Formula:	C ₁₈ H ₃₂ O ₂
Molecular Weight:	280.45
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	9(Z),12(E)-Octadecadienoic Acid (C ₁₈ :2(9E,12Z); C ₁₈ :2 n-6), an isomer of linoleic acid, is a type of ω-6 polyunsaturated fatty acid containing a trans double bond at the C9 position. It is identified as a minor component in milk fat and partially hydrogenated vegetable oils. The concentration of 9(Z),12(E)-Octadecadienoic Acid in rabbit meat increases following supplementation with heated sunflower seed oil, α-tocopherol acetate, and zinc.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5657 mL	17.8285 mL	35.657 mL
5 mM	0.7131 mL	3.5657 mL	7.1314 mL
10 mM	0.3566 mL	1.7828 mL	3.5657 mL
50 mM	0.0713 mL	0.3566 mL	0.7131 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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