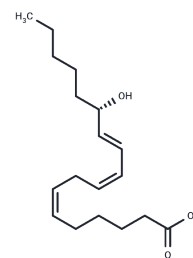


13(S)-HOTrE(γ)

Chemical Properties

CAS No. :	74784-20-6
Formula:	C ₁₈ H ₃₀ O ₃
Molecular Weight:	294.43
Storage:	Store at low temperature
	Pure form: -20°C for 3 years In solvent: -80°C for 1 year
	Actual storage temperature shall be subject to the COA.



Biological Description

Description	13(S)-HOTrE(γ) is a metabolite and octadecatrienoic acid used as a metabolic marker, in the study of metabolic disorders and neurological diseases.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	0.1 M Na ₂ CO ₃ : 1 mg/mL (3.4 mM),Sonication is recommended. PBS (pH 7.2): < 1 mg/mL (insoluble),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	3.3964 mL	16.982 mL	33.9639 mL
5 mM	0.6793 mL	3.3964 mL	6.7928 mL
10 mM	0.3396 mL	1.6982 mL	3.3964 mL
50 mM	0.0679 mL	0.3396 mL	0.6793 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.

Reference

Delaplace P, et al. Potato (*Solanum tuberosum* L.) tuber ageing induces changes in the proteome and antioxidants associated with the sprouting pattern. *J Exp Bot.* 2009;60(4):1273-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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