

(+/-)5(6)-DiHETE lactone Biochemical | (+/-)5(6)-DiHETE biochemical

(+/-)5(6)-DiHETE lactone

CATALOG #
AAA227271

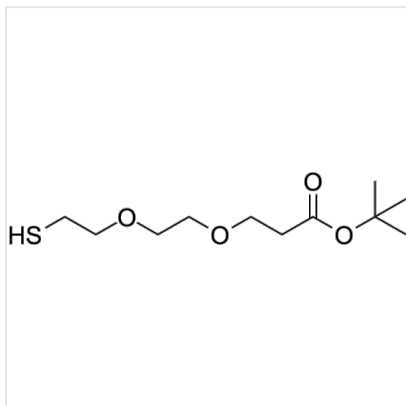
PRODUCT SYNONYMS

(+/-)5(6)-DiHETE lactone; (+/-)5(6)-DiHETE biochemical

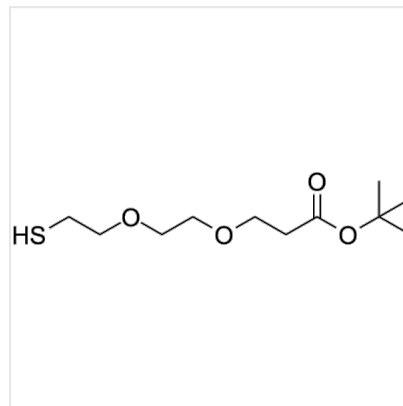
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 50 mg/mL
	DMSO: 50 mg/mL
	Ethanol: 50 mg/mL
	PBS (pH 7.2): 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Thiol-PEG2-t-butyl ester, CAS 1398044-50-2



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ADDITIONAL INFORMATION

Related Product Information for (+/-)5(6)-DiHETE biochemical	Eicosapentaenoic acid is metabolized, in part, through cytochrome P450-catalyzed epoxidation followed by conversion to the vicinal diols by epoxide hydrolases. (+/-)5(6)-DiHETE is a possible metabolite produced from EPA following epoxidation of the alpha-5 double bond. (+/-)5(6)-DiHETE lactone is a 1,5 cyclic ester derived from (+/-)5(6)-DiHETE. While its biological activity is unknown, the selective capacity of (+/-)5(6)-DiHETE to form this lactone can be utilized to specifically quantify (+/-)5(6)-DiHETE in biological samples.
References	1. An S, et al. Small-molecule PROTACS: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

NCBI AND UNIPROT INFORMATION

Molecular Weight	250.35
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/5-6-dihete-lactone/227271>