

(+/-)19(20)-DiHDTE biochemical

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CATALOG #
AAA227269

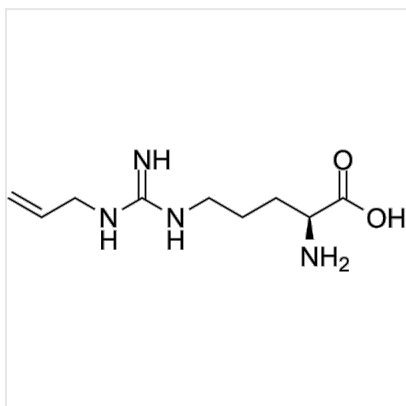
PRODUCT SYNONYMS

(+/-)19(20)-DiHDTE; (+/-)19(20)-DiHDTE biochemical

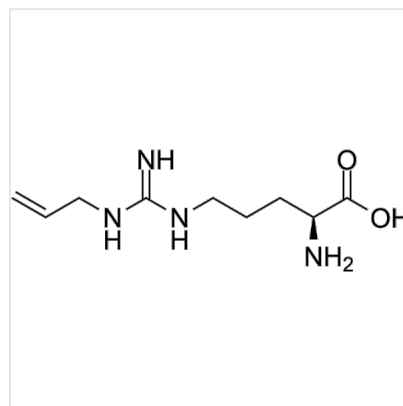
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 30 mg/mL
	Ethanol: 30 mg/mL
	PBS (pH 7.2): 0.5 mg/mL
	DMSO: 30 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
N(omega)-allyl-L-arginine, CAS 139461-37-3



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ADDITIONAL INFORMATION

Related Product Information for (+/-)19(20)-DiHDTE biochemical	(+/-)19(20)-DiHDTE is an oxylipin and an oxidative metabolite of docosapentaenoic acid. It is formed via cytochrome P450 (CYP) metabolism of DPA via a (+/-)19(20)-EpDTE intermediate.
References	1. Zhang HQ, et, al. Mechanism of Inactivation of Neuronal Nitric Oxide Synthase by N(omega)-Allyl-L-Arginine. J. Am. Chem. Soc. 1997, 119, 45, 10888-10902. 2. Hah JM, et, al. Deuterium isotope effects and product studies for the oxidation of N(omega)-allyl-L-arginine and N(omega)-allyl-N(omega)-hydroxy-L-arginine by neuronal nitric oxide synthase. Bioorg Med Chem. 2000 Aug;8(8):1931-6.

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/19-20-dihdte/227269>