

Product Data Sheet

Product Name: (±)9(10)-EpODE

Cat. No.: GC91645

Chemical Properties

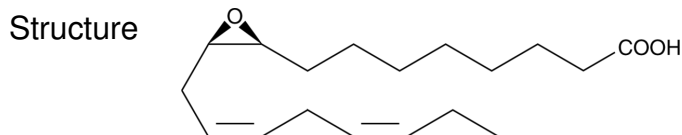
Cas. No. 36747-82-7

Formula $C_{18}H_{30}O_3$ M.Wt 294.4

Solubility Acetonitrile: Sparingly soluble: 1-10 mg/ml, Chloroform: Sparingly soluble: 1-10 mg/ml, Ethanol: 1 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.



Background

(±)9(10)-EpODE is an oxylipin.¹ It is formed from α-linolenic acid by the cytochrome P450 (CYP) isoform CYP2B6 in baculosomes containing human CYP2B6.

References:

[1]. Heintz, M.M., Eccles, J.A., Olack, E.M., et al. Human CYP2B6 produces oxylipins from polyunsaturated fatty acids and reduces diet-induced obesity. *PLoS One* 17(12):e0277053(2022).

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA