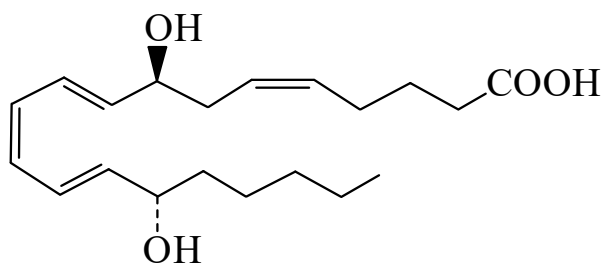




>>Entry Name: 8,15-Dihydroxy-5,9,11,13-eicosatetraenoic acid

Synonym(s): 8,15-DiHETE



CAS Registry Number: 77667-08-4

Molecular Formula: $C_{20}H_{32}O_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (5Z,8R,9E,11E,13E,15S)-form

Molecular Formula: $C_{20}H_{32}O_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Source/Synthesis: Metab. of 15-Hydroperoxy-5,8,11,13-eicosatetraenoic acid [CPL62-R](#)

Other Data: No phys. props. reported

>>Variant: (5Z,8R,9E,11Z,13E,15S)-form

Molecular Formula: $C_{20}H_{32}O_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Source/Synthesis: HPETE metab.

Other Data: No phys. props. reported

>>Variant: (5Z,8S,9E,11E,13E,15S)-form

CAS Registry Number: 80234-66-8

Molecular Formula: $C_{20}H_{32}O_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Source/Synthesis: Metab. of arachidonic acid

Other Data: No phys. props. reported

>>Variant: (5Z,8S,9E,11Z,13E,15S)-form

Molecular Formula: $C_{20}H_{32}O_4$

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Source/Synthesis: Metab. of arachidonic acid. Biosynth. in human leukocytes, eosinophils and platelets

References:

- Van Os, C.P.A. *et al.*, *Biochim. Biophys. Acta*, 1981, **663**, 177, (*isol*)
Sok, D.E. *et al.*, *Biochem. Biophys. Res. Commun.*, 1983, **110**, 273, (*biosynth*)
Shak, S. *et al.*, *J. Biol. Chem.*, 1983, **258**, 14948, (*synth, isol, uv, ms, props, activity*)
Nicolaou, K.C. *et al.*, *J.A.C.S.*, 1984, **106**, 5734, (*synth*)
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