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TECHNICAL INFORMATION

Catalog Number: 151417

12-Hydroxyheptadeca-5Z,8E,10E-trienoic acid

Molecular Formula: C₁₇H₂₈O₃

Molecular Weight: 280.5

CAS #: 54397-84-1

Synonym: 12 (S)-HHT

Physical Appearance: Oil

Purity: 95-98%

Description: Inhibits human platelet aggregation. ¹ Stimulates prostacyclin production. ² A useful parameter for measuring cyclooxygenase. ³

Note: Open ampule and aliquot into suitable tubes or vials. For experiments with cells or tissues, aliquots of ethanol solutions may be added directly to aqueous media. For HPLC, aliquots of ethanol solutions should be evaporated to dryness under a stream of nitrogen and HPLC mobile phase added to the desired concentration.

Solubility: Soluble in abs. ethanol (50 mg/ ml). Store, as supplied, at -80 °C for up to 1 year.

References:

- Hecker, M. and Ullrich, V., *Eicosanoids*, **1**, 19 (1988)
- Sadowitz, P.D. et al., *Prostaglandins*, **34**, 749 (1987)
- Sweeney, F.J. et al., *Prostagland. Leukotrienes Med.*, **26**, 171 (1987)