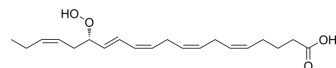


15(S)-HpEPE

Cat. No.:	HY-134511
CAS No.:	125992-60-1
Molecular Formula:	C ₂₀ H ₃₀ O ₄
Molecular Weight:	334.45
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

15(S)-HpEPE is a product of lipoxygenase hydrolysis of unsaturated fatty acids (PUFA) and is a potential inhibitor of prostaglandin H synthase 2 (PGHS-2). 15(S)-HpEPE can downregulate the expression of PGHS-2^[1].

REFERENCES

[1]. Ait-Said F, et al. Inhibition by eicosapentaenoic acid of IL-1beta-induced PGHS-2 expression in human microvascular endothelial cells: involvement of lipoxygenase-derived metabolites and p38 MAPK pathway. *Biochim Biophys Acta*. 2003 Feb 20;1631(1):77-84.

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

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