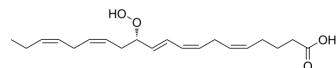


12(S)-HPEPE

Cat. No.:	HY-113913
CAS No.:	103239-14-1
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	12(S)-HPEPE is a lipoxygenase product and an intermediate metabolite that leads to downregulation of PGHS-2 and has potential anti-inflammatory activity. 12(S)-HPEPE reduces interleukin 1h (IL-1h)-induced PGHS-2 expression in human lung microvascular endothelial cells ^[1] .
IC ₅₀ & Target	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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