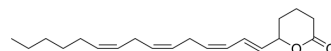


(±)5-HETE lactone

Cat. No.:	HY-130220
CAS No.:	81517-87-5
Molecular Formula:	C ₂₀ H ₃₀ O ₂
Molecular Weight:	302.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(±)5-HETE lactone is the racemate of 5-HETE lactone. 5-HETE lactone is a metabolite generated by a series of enzymatic reactions of arachidonic acid, and is also a substrate of paraoxonase-1 (PON1). 5-HETE lactone can be used in the study of B cell activation^{[1][2]}.

REFERENCES

[1]. Tao C, et al. Reactivity of tricarbonyl (pentadienyl) iron (1+) cations: enantioselective synthesis of 5-HETE methyl ester[J]. The Journal of Organic Chemistry, 1993, 58(8): 2134-2143.

[2]. Picardo C M. The hydrolysis of 5-HETE lactone by paraoxonase 1 and its stability in serum[M]. 2007.

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

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