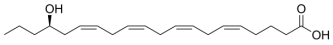
17(R)-HETE

Cat. No.:	HY-116050A
CAS No.:	183509-24-2
Molecular Formula:	$C_{20}H_{32}O_3$
Molecular Weight:	320.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	17R-HETE is an arachidonic acid metabolite through cytochrome P-450 pathways. 17R-HETE exhibits efficacy in inducing cardic hypertrophy with less efficiency with compared to 17S-HETE[1][2].

REFERENCES

[1]. Carroll MA, et al., Cytochrome P-450-dependent HETEs: profile of biological activity and stimulation by vasoactive peptides. Am J Physiol. 1996 Oct;271(4 Pt 2):R863-9.

[2]. Isse FA, et al., 17-(R/S)-hydroxyeicosatetraenoic acid (HETE) induces cardiac hypertrophy through the CYP1B1 in enantioselective manners. Prostaglandins Other Lipid Mediat. 2023 Oct;168:106749.

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