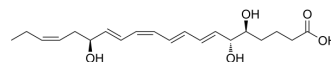


## Lipoxin A5

Cat. No.:	HY-115381
CAS No.:	110657-98-2
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> O <sub>5</sub>
Molecular Weight:	350
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Lipoxin A5 is an eicosapentaenoic acid derived from pig white blood cells. Lipoxin A5 slowly contracted the guinea pig lung parenchymal strips with a contractile force similar to that of LXA4 and LXB4.2, but LXA5 did not have the vasodilating effect on the aortic smooth muscle shown by LXA4 and LXB4.2<sup>[1][2]</sup>.

### REFERENCES

[1]. Wong PY, et al. Lipoxene: a new group of trihydroxy pentaenes of eicosapentaenoic acid derived from porcine leukocytes. *Biochem Biophys Res Commun*. 1985 Jan 31;126(2):763-72.

[2]. Stahl GL, et al. Pharmacologic profile of lipoxins A5 and B5: new biologically active eicosanoids. *Eur J Pharmacol*. 1989 Apr 12;163(1):55-60.

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

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