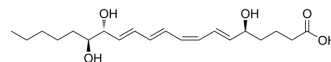


Lipoxin B4

Cat. No.:	HY-116953
CAS No.:	98049-69-5
Molecular Formula:	C ₂₀ H ₃₂ O ₅
Molecular Weight:	352.47
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 B4 (LXB4) is a structurally distinct product of arachidonic acid metabolism. Lipoxin B4 reduces leukocyte infiltration and mucus secretion in the nasal mucosa and decreases mast cell and eosinophil degranulation in the upper airway. Lipoxin B4 decreases airway inflammation, mucus metaplasia and hyper- responsiveness in the lower airway. Lipoxin B4 shows mucosal protective actions and has the potential for the research of allergic inflammation in the upper and lower airways ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Karra L, et al. Lipoxin B₄ promotes the resolution of allergic inflammation in the upper and lower airways of mice. *Mucosal Immunol.* 2015 Jul;8(4):852-62.

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

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