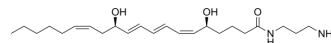


## Leukotriene B4-3-aminopropylamide

Cat. No.:	HY-W747565
CAS No.:	89596-43-0
Molecular Formula:	C <sub>23</sub> H <sub>40</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	392.58
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Leukotriene B4-3-aminopropylamide (LTB4-APA) is a leukotriene immunomodulator. The study found that LTB4 can bind to the polar carboxylic acid group of LTB4 near the outer surface of BLT1 cells, and the hydrophobic LTB4 tail points to the transmembrane region of the receptor protein<sup>[1]</sup>.

### REFERENCES

[1]. Sabirsh A, Bywater R P, Bristulf J, et al. Residues from transmembrane helices 3 and 5 participate in leukotriene B4 binding to BLT1[J]. *Biochemistry*, 2006, 45(18): 5733-5744.

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

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