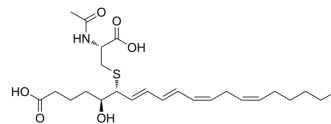


## N-Acetyl-Leukotriene E4

<b>Cat. No.:</b>	HY-131395
<b>CAS No.:</b>	80115-95-3
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>39</sub> NO <sub>6</sub> S
<b>Molecular Weight:</b>	481.65
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N-Acetyl-Leukotriene E4 (N-Acetyl-LTE4) is a metabolite of Leukotriene E4 (LTE4) (HY-113465), which is detected in bile and urine<sup>[1]</sup>. N-Acetyl-Leukotriene E4 produces a vasoconstriction in the mesenteric vessels which led to reduction of blood flow to the gut<sup>[2]</sup>.

### REFERENCES

- [1]. Uemura M, et al., Cysteinyl leukotrienes in the urine of patients with liver diseases. *Hepatology*. 1994 Oct;20(4 Pt 1):804-12.
- [2]. Siren AL, et al., N-acetyl-leukotriene E4 is a potent constrictor of rat mesenteric vessels. *Eur J Pharmacol*. 1988 Feb 9;146(2-3):331-5.

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

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