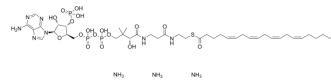


## Arachidonoyl CoA triammonium

Cat. No.:	HY-152898A
Molecular Formula:	C <sub>41</sub> H <sub>75</sub> N <sub>10</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	1105.08
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Arachidonoyl CoA triammonium is used as a substrate in the synthesis of Arachidonoyl amino acids. Arachidonoyl CoA triammonium directly interacts with FadR to inhibit binding at its DNA targets<sup>[1][2]</sup>.

### REFERENCES

- [1]. Jeffrey M McCue, et al. In vitro synthesis of arachidonoyl amino acids by cytochrome c. Prostaglandins Other Lipid Mediat. 2009 Nov;90(1-2):42-8.
- [2]. Melissa Ellermann, et al. The Canonical Long-Chain Fatty Acid Sensing Machinery Processes Arachidonic Acid To Inhibit Virulence in Enterohemorrhagic Escherichia coli. mBio. 2021 Jan 19;12(1):e03247-20.

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

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