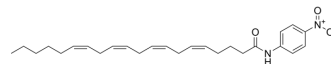


Arachidonoyl p-nitroaniline

Cat. No.:	HY-134019
CAS No.:	119520-58-0
Molecular Formula:	C ₂₆ H ₃₆ N ₂ O ₃
Molecular Weight:	424.58
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Arachidonoyl p-nitroaniline is a substrate for the hydrolysis of p-nitroaniline by FAAH in *Dictyostelium discoideum* with long-chain unsaturated fatty acids. Arachidonoyl p-nitroaniline can be used in enzyme kinetic studies. Examples include determining the hydrolysis rate of Arachidonoyl p-nitroaniline and analyzing the fatty acid amide hydrolase activity of recombinant His-FAAH purified from *Dictyostelium* to characterize the binding and catalytic specificity of mammalian FAAH enzymes^[1].

REFERENCES

[1]. Neelamegan D, et al. Identification and recombinant expression of anandamide hydrolyzing enzyme from *Dictyostelium discoideum*. *BMC Microbiol.* 2012 Jun 25;12:124.

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

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