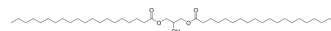


## Dieicosanoin

Cat. No.:	HY-W004260B
CAS No.:	60586-60-9
Molecular Formula:	C <sub>43</sub> H <sub>84</sub> O <sub>5</sub>
Target:	Endogenous Metabolite; Biochemical Assay Reagents
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Dieicosanoin is a diacylglycerol containing arachidic acid (HY-W004260). Arachidic acid is a saturated long-chain fatty acid with a 20-carbon backbone. Arachidic acid can be isolated from peanut butter and anaerobic fungi <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Free Radic Biol Med. 2023 Mar 28;S0891-5849(23)00133-8.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Koppová I, et al. Analysis of fatty acid composition of anaerobic rumen fungi. Folia Microbiol (Praha). 2008;53(3):217-20.
- [2]. Negoita M, et al. Comparison of the Fatty Acid Composition of Peanut Butter by Applying Different Fat Extraction Procedures. Revista de chimie. 2018, 69(11): 3023-3032.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA