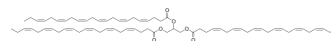


## Tridocosahexaenoylglycerol

Cat. No.:	HY-N11286
CAS No.:	124596-98-1
Molecular Formula:	C <sub>69</sub> H <sub>98</sub> O <sub>6</sub>
Molecular Weight:	1023.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tridocosahexaenoylglycerol (TG-DHA) is an orally active dietary supplement that improves autoimmune encephalomyelitis in mice. Tridocosahexaenoylglycerol shows beneficial effects on neurodegenerative diseases and also improves macular function in diabetic retinopathy. Tridocosahexaenoylglycerol can be used for research on neurological diseases, inflammatory immune diseases, and metabolic diseases<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Mancera P, et al. Natural Docosahexaenoic Acid in the Triglyceride Form Attenuates In Vitro Microglial Activation and Ameliorates Autoimmune Encephalomyelitis in Mice. *Nutrients*. 2017 Jun 30;9(7):681.
- [2]. Boyer-Diaz Z, et al. Oxidative Stress in Chronic Liver Disease and Portal Hypertension: Potential of DHA as Nutraceutical. *Nutrients*. 2020 Aug 28;12(9):2627.
- [3]. Lidich N, et al. Structural characteristics of oil-poor dilutable fish oil omega-3 microemulsions for ophthalmic applications. *J Colloid Interface Sci*. 2016 Feb 1;463:83-92.

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

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