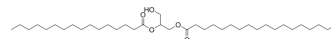


## 3-Hydroxy-2-(palmitoyloxy)propyl stearat

Cat. No.:	HY-N11526
CAS No.:	14015-55-5
Molecular Formula:	C <sub>37</sub> H <sub>72</sub> O <sub>5</sub>
Molecular Weight:	596.96
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3-Hydroxy-2-(palmitoyloxy)propyl stearat is a non-volatile compound. 3-Hydroxy-2-(palmitoyloxy)propyl stearat can be isolated from less polar fractions of the brown macroalga *Fucus virsoides* J. Agardh. This part of the substance has a good ability to scavenge free radicals and has a protective effect on the oxidative stress induced by hydrogen peroxide in zebrafish embryos<sup>[1]</sup>.

### REFERENCES

[1]. Jerković I, et al. Bioprospecting of Less-Polar Constituents from Endemic Brown Macroalga *Fucus virsoides* J. Agardh from the Adriatic Sea and Targeted Antioxidant Effects In Vitro and In Vivo (Zebrafish Model). *Mar Drugs*. 2021 Apr 22;19(5):235.

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

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