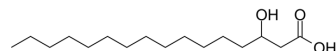


## 3-Hydroxyhexadecanoic acid

Cat. No.:	HY-131643
CAS No.:	2398-34-7
Molecular Formula:	C <sub>16</sub> H <sub>32</sub> O <sub>3</sub>
Molecular Weight:	272.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3-Hydroxyhexadecanoic acid (3-Hydroxypalmitic acid; 3HHA) is a long-chain fatty acid. 3-Hydroxyhexadecanoic acid accumulates in LCHAD deficiency disorder<sup>[1]</sup>.

### REFERENCES

[1]. Ribas GS, et alR. Evidence that Oxidative Disbalance and Mitochondrial Dysfunction are Involved in the Pathophysiology of Fatty Acid Oxidation Disorders. Cell Mol Neurobiol. 2022 Apr;42(3):521-532.

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

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