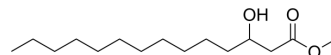


## 3-Hydroxy myristic acid methyl ester

Cat. No.:	HY-W342499
CAS No.:	55682-83-2
Molecular Formula:	C <sub>15</sub> H <sub>30</sub> O <sub>3</sub>
Molecular Weight:	258.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	3-Hydroxy myristic acid methyl ester (Methyl 3-hydroxytetradecanoate) is the quorum-sensing signal molecule (quorumone), which regulates the virulence of <i>Ralstonia solanacearum</i> <sup>[1]</sup> .
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### REFERENCES

[1]. M Shinohara, et al. Purification and characterization of a novel esterase (beta-hydroxypalmitate methyl ester hydrolase) and prevention of the expression of virulence by *Ralstonia solanacearum*. J Appl Microbiol. 2007 Jul;103(1):152-62.

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

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