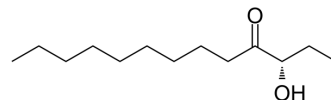


## Cholera autoinducer 1

Cat. No.:	HY-145376
CAS No.:	1004296-82-5
Molecular Formula:	C <sub>13</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	214.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cholera autoinducer 1 is *Vibrio cholerae* autoinducer (S)-3-hydroxytridecan-4-one. Cholera autoinducer 1 influences chemotaxis in *C. elegans*<sup>[1]</sup>.

### REFERENCES

[1]. Werner KM, et al. *Caenorhabditis elegans* recognizes a bacterial quorum-sensing signal molecule through the AWCON neuron. *J Biol Chem.* 2014;289(38):26566-26573.

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

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