

## (E)-5-Octadecene

Cat. No.:	HY-24574
CAS No.:	7206-21-5
Molecular Formula:	C <sub>18</sub> H <sub>36</sub>
Molecular Weight:	252.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(E)-5-Octadecene ((E)-Octadec-5-ene) is a sex pheromone or a related chemical component. (E)-5-Octadecene has effect on destruction of sexual attraction of female moth of rice borers moth ( <i>Chilo suppressalis</i> Walker) <sup>[1]</sup> .
In Vivo	(E)-5-Octadecene (compound 10) (0.5 mg, 1.0 mg) results in 74% reduction of sexual attraction of rice borers moth <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. KANNO H, et al. Disruption of sex attraction in the rice stem borer moth, *Chilo suppressalis* Walker, with components of the sex pheromone and related chemicals[J]. Applied entomology and zoology, 1978, 13(4): 321-323.

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

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