

## Dodec-1-ene

## Chemical Properties

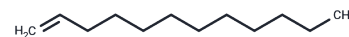
CAS No. : 112-41-4

Formula: C<sub>12</sub>H<sub>24</sub>

Molecular Weight: 168.32

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Dodec-1-ene is toxic to MIAPaCa2 cells, Pseudokirchneriella subcapitata, and Daphnia magna. Dodec-1-ene has antibacterial activity and can be used in the synthesis of surfactants.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9411 mL	29.7053 mL	59.4106 mL
5 mM	1.1882 mL	5.9411 mL	11.8821 mL
10 mM	0.5941 mL	2.9705 mL	5.9411 mL
50 mM	0.1188 mL	0.5941 mL	1.1882 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Beier A, et al. Metabolism of alkenes and ketones by Candida maltosa and related yeasts. AMB Express. 2014 Oct 10;4:75.

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