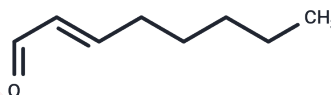


(E)-2-Octenal

Chemical Properties

CAS No. :	2548-87-0
Formula:	C ₈ H ₁₄ O
Molecular Weight:	126.20
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(E)-2-Octenal is an aldehyde compound exhibiting inhibitory activity against Bacillus subtilis, fungi, and E. coli, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9239 mL	39.6197 mL	79.2393 mL
5 mM	1.5848 mL	7.9239 mL	15.8479 mL
10 mM	0.7924 mL	3.962 mL	7.9239 mL
50 mM	0.1585 mL	0.7924 mL	1.5848 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

Inamdar AA, et al. Neurotoxicity of fungal volatile organic compounds in Drosophila melanogaster. Toxicol Sci. 2010 Oct;117(2):418-26.

Kerdouci J, et al. An experimental study of the gas-phase reactions of NO₃ radicals with a series of unsaturated aldehydes: trans-2-hexenal, trans-2-heptenal, and trans-2-octenal. J Phys Chem A. 2012 Oct 18;116(41):10135-42.

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