

trans-2-Dodecenal

Chemical Properties

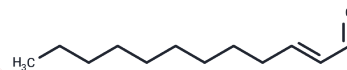
CAS No. : 20407-84-5

Formula: C₁₂H₂₂O

Molecular Weight: 182.3

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Trans-2-Dodecenal ((2E)-dodec-2-enal) is an aldehyde compound with a strong citrus and red orange aroma, commonly used in flavors and food additives, but also as a raw material for organic synthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4855 mL	27.4273 mL	54.8546 mL
5 mM	1.0971 mL	5.4855 mL	10.9709 mL
10 mM	0.5485 mL	2.7427 mL	5.4855 mL
50 mM	0.1097 mL	0.5485 mL	1.0971 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

Forbes WM, et al. Eryngial (trans-2-dodecenal), a bioactive compound from Eryngium foetidum: its identification, chemical isolation, characterization and comparison with ivermectin in vitro. Parasitology. 2014 Feb;141(2):269-78.

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