

2-Nonyl alcohol

Chemical Properties

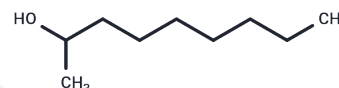
CAS No. : 628-99-9

Formula: C₉H₂₀O

Molecular Weight: 144.25

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	2-Nonyl alcohol is a secondary alcohol that is nonane substituted by a hydroxy group at position 2. Transcriptome analysis revealed that 2-Nonyl alcohol modulated the expression of genes involved in development, and conidiation pathways, as well as secondary metabolite biosynthesis including steroid biosynthesis, citrinin production and patulin production. Making 2-Nonyl alcohol a promising and efficient agent for controlling post-harvest diseases via the release of VOCs,
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9324 mL	34.662 mL	69.3241 mL
5 mM	1.3865 mL	6.9324 mL	13.8648 mL
10 mM	0.6932 mL	3.4662 mL	6.9324 mL
50 mM	0.1386 mL	0.6932 mL	1.3865 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

Démars F, et al. Differential involvement of glutamate-gated chloride channel splice variants in the olfactory memory processes of the honeybee *Apis mellifera*. *Pharmacol Biochem Behav.* 2014 Sep;124:137-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481