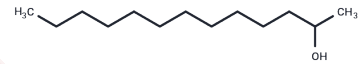


2-Tridecanol

Chemical Properties

CAS No. :	1653-31-2
Formula:	C ₁₃ H ₂₈ O
Molecular Weight:	200.36
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-tridecanol (tridecan-2-ol) is a compound extracted from the Dufour gland secretions of worker ants and females, and shows strong direct contact nematicidal activity against <i>Mycobacterium occidentalis</i> J2s.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.991 mL	24.9551 mL	49.9102 mL
5 mM	0.9982 mL	4.991 mL	9.982 mL
10 mM	0.4991 mL	2.4955 mL	4.991 mL
50 mM	0.0998 mL	0.4991 mL	0.9982 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

- Gupta AK, et al. A comparison of induced antiviral resistance by the phytoprotein CAP-34 and isolate P1f of the rhizobacterium *Pseudomonas putida*. 3 Biotech. 2021 Dec;11(12):509.
- Suzuki D, et al. Oiling-out effect improves the efficiency of extracting aroma compounds from edible oil. NPJ Sci Food. 2020 Nov 4;4(1):18.

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