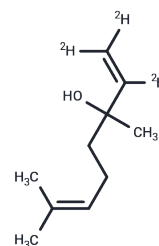


Linalool-D3

Chemical Properties

CAS No. :	1216673-02-7
Formula:	C ₁₀ H ₁₅ D ₃ O
Molecular Weight:	157.27
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	Linalool-D3 is a deuterated compound of Linalool. Linalool (T2S2264) has a CAS number of 78-70-6. 1. Linalool, a natural compound of the essential oils, has been shown to have antinociceptive, antimicrobial, and anti-inflammatory properties. 2. Linalool (T2S2264) was protected against LPS/GalN-induced liver injury through induction of antioxidant defense via Nrf2 activating and reduction inflammatory response via NF-κB inhibition. 3. Linalool (T2S2264) biosynthesis and accumulation might be involved in plant defense against bacterial and fungal pathogens and be associated with field resistance to citrus canker. 4. Linalool (T2S2264) significantly increased the expression of antioxidant enzymes regulated by Nrf-2 and diminished lung tissue levels of several pro-inflammatory cytokines, including tumor necrosis factor α (TNF-α) and interleukin (IL)-6.
Targets(IC50)	Apoptosis,Endogenous Metabolite,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3585 mL	31.7925 mL	63.5849 mL
5 mM	1.2717 mL	6.3585 mL	12.717 mL
10 mM	0.6358 mL	3.1792 mL	6.3585 mL
50 mM	0.1272 mL	0.6358 mL	1.2717 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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