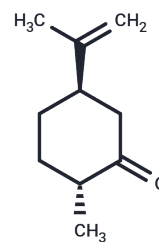


**(+)-Dihydrocarvone****Chemical Properties**

CAS No. :	5524-05-0
Formula:	C <sub>10</sub> H <sub>16</sub> O
Molecular Weight:	152.23
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

**Biological Description**

Description	(+)-Dihydrocarvone is a natural terpenone capable of influencing the foraging behaviour of honeybees and bumblebees.
Targets(IC50)	Others

**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	6.569 mL	32.845 mL	65.6901 mL
5 mM	1.3138 mL	6.569 mL	13.138 mL
10 mM	0.6569 mL	3.2845 mL	6.569 mL
50 mM	0.1314 mL	0.6569 mL	1.3138 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**

Liu J, et al. Differences in EAG Response and Behavioral Choices between Honey Bee and Bumble Bee to Tomato Flower Volatiles. *Insects*. 2022 Oct 27;13(11):987.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481