Product Data Sheet

Product Name: α-cis-Bergamotene
Cat. No.: GC81779

Chemical Properties

Cas. No.	18252-46-5		
Formula	$C_{15}H_{24}$	M.Wt	204.35
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

α-cis-Bergamotene is a sesquiterpene compound. α-cis-Bergamotene exhibits no antennal activity [1] [2].

In Vitro, α-cis-bergamotene does not induce electrophysiological responses in the antennae of the

psyllid Trioza apicalis Förster[1].

References:

[1]. Rahmani R, et al. Identification of sesquisabinene B in carrot (Daucus carota L.) leaves as a compound electrophysiologically active to the carrot psyllid (Trioza apicalis Förster)[J]. Chemoecology, 2019, 29(3): 103-110.
[2]. Derguini F, et al. Synthesis of (–)-α-CIS-Bergamotene. An Efficient Prenylation Procedure[J]. Synthetic Communications, 1981, 11(10): 859-864.