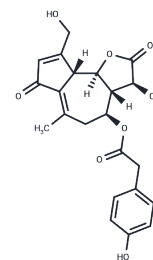


11 β ,13-Dihydrolactucopicrin

Chemical Properties

CAS No. :	125519-47-3
Formula:	C ₂₃ H ₂₄ O ₇
Molecular Weight:	412.44
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	11 β ,13-Dihydrolactucopicrin is a terpenoid isolated from chicory exhibiting inhibitory activity against yeast α -glucosidase (IC ₅₀ =42.49 μ M).
Targets(IC ₅₀)	Glucosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4246 mL	12.123 mL	24.246 mL
5 mM	0.4849 mL	2.4246 mL	4.8492 mL
10 mM	0.2425 mL	1.2123 mL	2.4246 mL
50 mM	0.0485 mL	0.2425 mL	0.4849 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

Fan H, et al. Isolation and identification of terpenoids from chicory roots and their inhibitory activities against yeast α -glucosidase. European Food Research and Technology. 2016;243(6):1009-1017.

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