Macrocarpal C Inhibitor

PRODUCT OVERVIEW

Product Name	Macrocarpal C, Inhibitor
Full Product Name	Macrocarpal C
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	454.6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C28H38O5
CAS Number	142628-53-3
Target & IC50	Antifection ROS
Product Categories/Family for Macrocarpal C, inhibitor	Microbiology&virology; Antifection; Immunology/Inflammation
Related Product Information for Macrocarpal C, inhibitor	Macrocarpal C, isolated from the fresh leaves of Eucalyptus globulus Labill. (Lan An) and identified as its major antifungal component by bioassay-guided purification, the antifungal action of macrocarpal C was associated with increases of membrane permeability, intracellular ROS and DNA fragmentation.
Product References and Citations for Macrocarpal C, inhibitor	Two antifungal components isolated from Fructus Psoraleae and Folium Eucalypti Globuli by bioassay-guided purification. Am J Chin Med. 2010;38(5):1005-14. Antifungal mode of action of macrocarpal C extracted from Eucalyptus globulus Labill (Lan An) towards the dermatophyte Trichophyton mentagrophytes. Chin Med. 2015 Nov 21;10:34.
Other Notes	Small volumes of Macrocarpal C, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Macrocarpal C purchase	MBS5762715 is an inhibitor targeting Macrocarpal C.

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Online datasheet: https://www.mybiosource.com/inhibitor/macrocarpal-c/5762715