
Product Data Sheet

Product Name: Clerodendrin

Cat. No.: GC67859

Chemical Properties

Cas. No. 119738-57-7

Formula C₂₇H₂₆O₁₇

M.Wt 622.49

Solubility DMSO : 50 mg/mL (80.32 mM; Need ultrasonic) 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

Clerodendrin is a nature product could be isolated from *Lobelia chinensis*. Clerodendrin is a potent dual **Interleukin-4 (IL-4)** inhibitor and **β-hexosaminidase (Hex)** inhibitor^[1].

Clerodendrin (10 μM; 1 and 3 h) inhibits IL-4 mRNA expression and the release of β-hexosaminidase in Propidium Iodide -induced RBL-2H3 cells^[1].

[1]. Young KT, et, al. Inhibition of Interleukin-4 and β-Hexosaminidase Release in RBL-2H3 Cells by Compounds Isolated from *Lobelia chinensis*. 2021,27(4):251-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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