

Product Data Sheet

Product Name: Conagenin

Cat. No.: GC91356

Chemical Properties

Cas. No. 134381-30-9

Formula $C_{10}H_{19}NO_6$

M.Wt 249.3

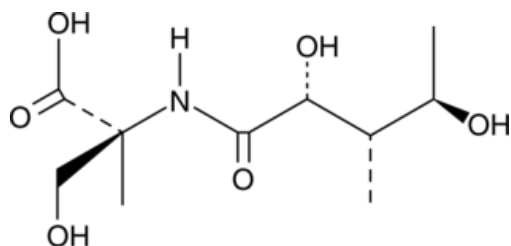
Solubility

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

Conagenin (CNG) is a microbial metabolite originally isolated from *S. roseosporus* that has immunomodulatory activity.¹ It increases the proliferation of isolated rat splenic T cells induced by concanavalin A when used at concentrations of 6.25 and 25 µg/ml. CNG (0.5 and 5 mg/kg) reduces tumor volume and increases the number of activated effector T cells in an IMC carcinoma mouse xenograft model.² It also increases the phagocytic activity of isolated rat alveolar macrophages when administered at a dose of 10 mg/kg.³

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

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