

Product Data Sheet

Product Name: Urolithin M5

Cat. No.: GC74278

Chemical Properties

Cas. No. 91485-02-8

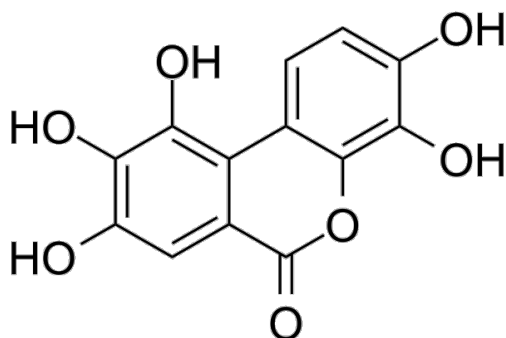
Formula $C_{13}H_8O_7$ M.Wt 276.2

Solubility H_2O : 20 mg/mL (72.41 mM; Need ultrasonic and warming) Storage $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Urolithin M5 is a neuraminidase inhibitor that can be isolated from Ganlanye. Urolithin M5 has antiviral activity in vitro and in vivo by inhibiting the activity of viral NA. Urolithin M5 can increase the survival rate and improve pulmonary edema in pr8-infected mouse models. Urolithin M5 can be used

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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in anti-influenza research.

References:

[1]. Xiao M, et al. Urolithin M5 from the Leaves of *Canarium album* (Lour.) DC. Inhibits Influenza Virus by Targeting Neuraminidase. *Molecules*. 2022 Sep 5;27(17):5724.

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