

Product Data Sheet

Product Name: Obtusifolin-2-O-glucoside

Cat. No.: GC74248

Chemical Properties

Cas. No. 120163-18-0

Formula $C_{22}H_{22}O_{10}$

M.Wt 446.4

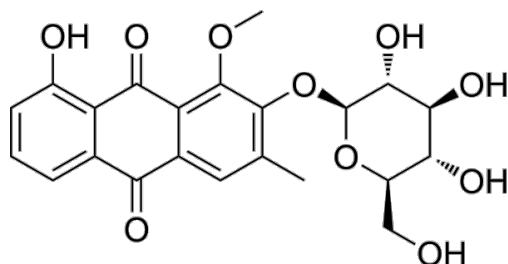
Solubility

Storage -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

Obtusifolin-2-O-glucoside (compound 7) is a Tyrosinase inhibitor ($IC_{50}=9.2 \mu M$). Obtusifolin-2-O-glucoside can be isolated from cassia seed.

Obtusifolin-2-O-glucoside (compound 7) ($10 \mu M$; 48 h) inhibits melanin production in α -MSH-treated B16F10 melanoma cells[1].

References:

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

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[1]. Lee GY, et al. Tyrosinase inhibitory components from the seeds of Cassia tora. Arch Pharm Res. 2018 May;41(5):490-496.

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