

Product Data Sheet

Product Name: Celosin K

Cat. No.: GC71968

Chemical Properties

Cas. No. 1950579-53-9

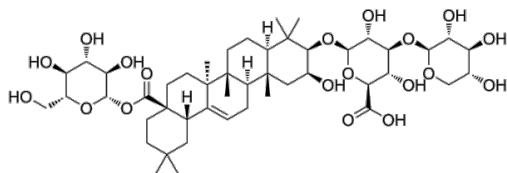
Formula $C_{47}H_{74}O_{19}$ M.Wt 943.08

Solubility H_2O : 9.4308 mg/mL (10.00 mM; Storage 4°C, protect from light
Need ultrasonic and warming)

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

Celosin K (compound 8) can be isolated from the seeds of Semen Celosiae. Celosin K is a potent inhibitor of neuron injury elicited by t-BHP. Celosin K inhibits oxidative stress and apoptosis, and acts of autophagy.

References:

[1]. Jinggong Guo, et al. Chemical compounds with a neuroprotective effect from the seeds of Celosia argentea L. Food Funct. 2021, 12, 83-96.

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

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