

Product Data Sheet

Product Name: 4'-Deoxyphlorizin

Cat. No.: GC67636

Chemical Properties

Cas. No. 4319-68-0

Formula $C_{21}H_{24}O_9$

M.Wt 420.41

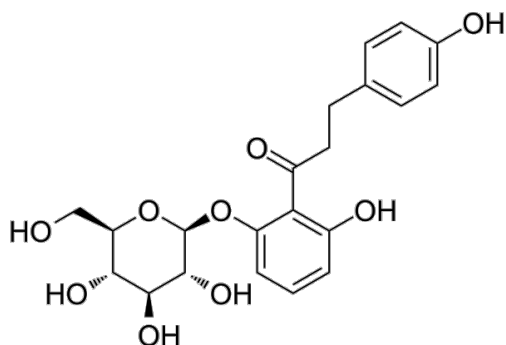
Solubility

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

4'-Deoxyphlorizin is an inhibitor of the glucose transport system. 4'-Deoxyphlorizin has good **phlorizin hydrolase** inhibitory activity with the K_m value of 0.59 nM and the K_i value of 0.33 nM, respectively^[1].

[1]. J O Evans, et al. The affinity of phlorizin-like compounds for a beta-glucosidase in intestinal brush

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

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borders: comparison with the glucose transport system. Arch Biochem Biophys. 1980 Feb;199(2):342-8.

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