

Product Data Sheet

Product Name: Rhapontin

Cat. No.: GC44826

Chemical Properties

Cas. No. 155-58-8

SMILES OC1=CC(/C=C/C2=CC(O)=CC(O[C@H]3[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O3)=C2)=CC=C1OC

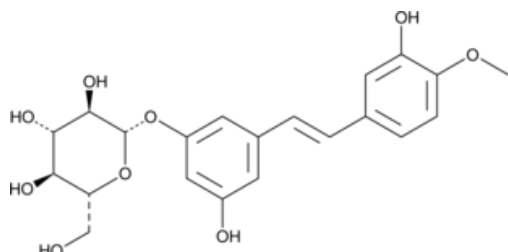
Formula C₂₁H₂₄O₉ M.Wt 420.4

Solubility DMF: 50 mg/mL, DMF:PBS(pH 7.2) (1:6): 0.14 mg/mL, DMSO: 30 mg/mL Storage 4°C, protect from light

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

Rhapontin is a natural stilbenoid glycoside first isolated from rhubarb rhizomes. It is converted by glucosidases to rhapontigenin, a resveratrol analog with antioxidant and anti-cancer activity. Rhapontigenin derived enzymatically from rhapontin has also been found to have antibiotic activity as well as inhibit melanin synthesis.

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