
Product Data Sheet

Product Name: Resveratrol-4'-O-D-Glucuronide

Cat. No.: GC18771

Chemical Properties

Cas. No. 387372-20-5

Chemical Name 4-[(1E)-2-(3,5-dihydroxyphenyl)ethenyl]phenyl-β-D-Glucopyranosiduronic acid

SMILES OC1=CC(O)=CC(/C=C/C2=CC=C(C=C2)O[C@H]3[C@H](O)[C@@H](O)[C@H](O)[C@@H](C(O)=O)O3)=C1Formula C₂₀H₂₀O₉

M.Wt 404.4

Solubility DMF: 15 mg/ml, DMSO: 10 mg/ml, Ethanol: 0.2 mg/ml, PBS (pH 7.2): 3 mg/ml

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**

Resveratrol (3,5,4'-trihydroxy-transstilbene), a polyphenol phytoalexin, possesses diverse biochemical and physiological actions, including estrogenic, antiplatelet, and anti-inflammatory properties. Resveratrol upon an oral dose is almost completely conjugated to its glucuronide and sulfate metabolites. Thus, glucuronidated and sulfated forms of resveratrol appear to be the main metabolites in humans.

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
