
Product Data Sheet

Product Name: Resveratrolside

Cat. No.: GC61242

Chemical Properties

Cas. No. 38963-95-0

SMILES OC1=CC(O)=CC(/C=C/C(C=C2)=CC=C2O[C@@H]3O[C@@H]([C@@H](O)[C@H](O)[C@H]3O)CO)=C1Formula C₂₀H₂₂O₈ M.Wt 390.38

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**

Resveratrolside is a competitive inhibitor of α -glucosidase with an IC₅₀ of 22.9 μ M. Resveratrolside has the ability to regulate PBG (postprandial blood glucose) levels. Resveratrolside exhibits cardioprotective effect[1][2].

[1]. Zhao X, et al. Resveratrolside Alleviates Postprandial Hyperglycemia in Diabetic Mice by Competitively Inhibiting α -Glucosidase. J Agric Food Chem. 2019 Mar 13;67(10):2886-2893. [2]. Naumenko SE, et al. Cardioprotective effect of resveratrol and resveratrolside. Cardiovasc Hematol Agents Med Chem. 2013 Sep;11(3):207-10.

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

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