
Product Data Sheet

Product Name: 5-Galloylquinic acid

Cat. No.: GC39760

Chemical Properties

Cas. No. 53584-43-3

SMILES O=C(O[C@H]1[C@@H](O)[C@H](O)C[C@](O)(C(O)=O)C1)C2=CC(O)=C(O)C(O)=C2Formula $C_{14}H_{16}O_{10}$ M.Wt 344.27

Solubility Soluble in DMSO 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**

5-Galloylquinic acid, an main scavenger of the reactive oxygen species (ROS) in green tea[1].

[1]. Yu-Jie Guo, et al. An Integrated Antioxidant Activity Fingerprint for Commercial Teas Based on Their Capacities to Scavenge Reactive Oxygen Species.

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

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