

Product Data Sheet

Product Name: Isotheaflavin

Cat. No.: GC60954

Chemical Properties

Cas. No. 31701-93-6

SMILES O=C1C(O)=CC([C@@H]2[C@@H](O)CC3=C(O)C=C(O)C=C3O2)=CC4=C([C@@H]5[C@H](O)CC6=C(O)C=C(O)C=C6O5)C=C(O)C(O)=C41

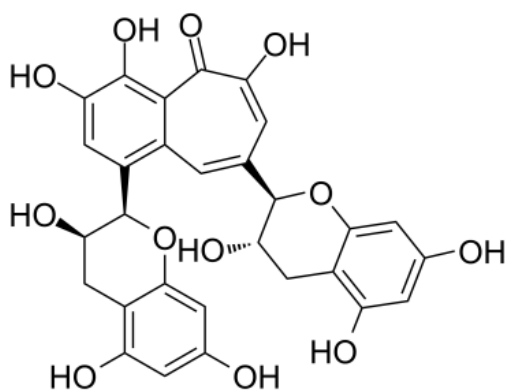
Formula $C_{29}H_{24}O_{12}$ M.Wt 564.49

Solubility DMSO : 100 mg/mL (177.15 mM; Need ultrasonic) 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



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

Product Data Sheet

Background

Isotheaflavin is one of antioxidant polyphenols in black tea[1].

[1]. D.T.Coxon, et al. Isotheaflavin. A new black tea pigment. Tetrahedron Letters. Volume 11, Issue 60, 1970, Pages 5241-5246.

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