
Product Data Sheet

Product Name: Neogambogic acid

Cat. No.: GC38969

Chemical Properties

Cas. No. 93772-31-7

SMILES C/C(C(O)=O)=C/C[C@@]1(OC(C)(C)[C@]2([H])C3[C@@]2(OC4=C(C(O[C@@])(CC/C=C(C)/C)(C)C5)=C6C5O)C/C=C(C)/C)C(C(C4=C6O)=O)=C[C@@]3([H])C1=O

Formula C₃₈H₄₆O₉ M.Wt 646.77

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**

Neogambogic acid, an active ingredient in garcinia, induces apoptosis and has anticancer effect. Neogambogic acid has significant inhibitory activity toward methicillin-resistant *Staphylococcus aureus* (MRSA)[1][2].

[1]. Wang K, et al. The mechanism of neogambogic acid-induced apoptosis in human MCF-7 cells. *Acta Biochim Biophys Sin* (Shanghai). 2011 Sep;43(9):698-702.

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
