
Product Data Sheet

Product Name: 5-Sulfosalicylic acid

Cat. No.: GC68566

Chemical Properties

Cas. No. 97-05-2

Formula C₇H₆O₆S

M.Wt 218.18

Solubility DMSO : 250 mg/mL (1145.84 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 **Background**

5-Sulfosalicylic acid is a sulfonated salicylic acid derivative. 5-Sulfosalicylic acid is effective against the breast. Showed the viability of 63.3% and 70.4% in MCF-7 and HUVEC control cells respectively at 1 mM 5-Sulfosalicylic acid.

[1]. MÜnteħa Özsoy, et al. A protein-sulfosalicylic acid/boswellic acids @metal-organic framework nanocomposite as anticancer drug delivery system. Colloids Surf B Biointerfaces. 2021 Aug;204:111788.

[2]. K. Ezhilmathi, et al. Effect of 5-sulfosalicylic acid on antioxidant activity in relation to vase life of Gladiolus cut flowers. Plant Growth Regul 51, 99 (2007).

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