
Product Data Sheet

Product Name: 3-Formylsalicylic Acid

Cat. No.: GC18462

Chemical Properties

Cas. No. 610-04-8

Chemical Name 3-formyl-2-hydroxy-benzoic acid

SMILES O=CC1=CC=CC(C(O)=O)=C1OFormula $C_8H_6O_4$ M.Wt 166.1

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**

3-Formylsalicylic acid is a non-competitive inhibitor of estrone sulfatase (IC₅₀ = 150 nM; K_i = 120 nM), the enzyme that converts estrone sulfate to estrone. 3-Formylsalicylic acid has been used in the synthesis of Schiff bases.

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
