

Product Data Sheet

Product Name: Salicyluric Acid

Cat. No.: GC49363

Chemical Properties

Cas. No. 487-54-7

SMILES O=C(CNC(C1=C(O)C=CC=C1)=O)O

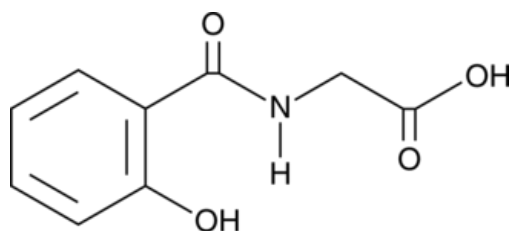
Formula C9H9NO4 M.Wt 195.2

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:10): 0.09 mg/ml, Ethanol: 1 mg/ml
Storage -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

Salicyluric acid is a major metabolite of both aspirin and salicylic acid.^{1,2}

1. Finnie, M.D., Ersser, R.S., Seakins, J.W., et al. The occurrence and identification of o-hydroxyhippuric acid (salicyluric acid) in the urine of sick children Clin. Chim. Acta 70(1)171-178(1976)

2. Needs, C.J., and Brooks, P.M. Clinical pharmacokinetics of the salicylates Clin. Pharmacokinet. 10(2)164-177(1985)

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

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