

Product Data Sheet

Product Name: Salicylanilide

Cat. No.: GC18016

Chemical Properties

Cas. No. 87-17-2

Chemical Name 2-hydroxy-N-phenylbenzamide

SMILES C1=CC=C(C=C1)NC(=O)C2=CC=CC=C2O

Formula $C_{13}H_{11}NO_2$ M.Wt 213.23

Solubility $\geq 8.8\text{mg/mL}$ 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.

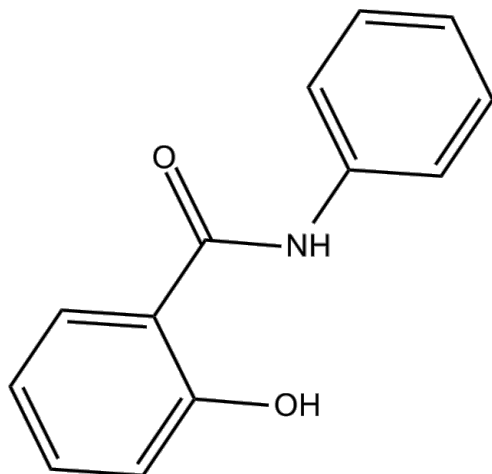
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

Salicylanilide demonstrates a wide range of biological activities including antiviral potency which can inhibit HIV virus by targeting HIV-1 integrase or reverse transcriptase.

Some Salicylanilides and salicylamides could inhibit HIV virus by targeting of HIV-1 integrase or reverse transcriptase. Hepatitis C virus is another virus, which can be potentially afflicted by Salicylanilides on the level of two enzymes-NS3 protease and NS5B RNA polymerase[1].

References:

[1]. Krátky M, et al. Antiviral activity of substituted salicylanilides--a review. Mini Rev Med Chem. 2011 Oct;11(11):956-67.

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