

Product Data Sheet

Product Name: Isonicotinic acid

Cat. No.: GC39119

Chemical Properties

Cas. No. 55-22-1

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

Formula C6H5NO2

M.Wt 123.11

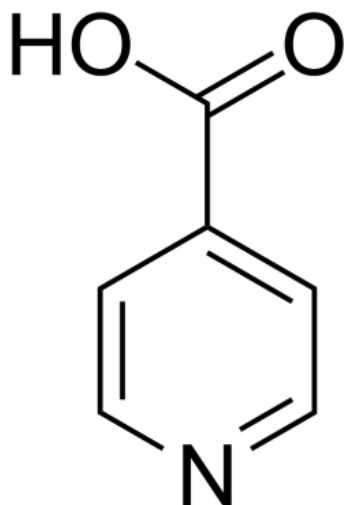
Solubility DMSO : 5mg/mL

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

Isonicotinic acid is a metabolite of Isoniazid. Isoniazid is converted to Isonicotinic acid by hydrazinolysis, with the Isoniazid to Isonicotinic acid biotransformation also to be catalyzed by cytochrome P450 (CYP) enzymes, e.g., CYP2C[1].

[1]. Seng KY, et al. Population pharmacokinetic analysis of isoniazid, acetylisoniazid, and isonicotinic acid in healthy volunteers. Antimicrob Agents Chemother. 2015 Nov;59(11):6791-9.

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