
Product Data Sheet

Product Name: 5-Amino-3H-imidazole-4-Carboxamide

Cat. No.: GC35156

Chemical Properties

Cas. No. 360-97-4

SMILES O=C(C1=C(N)NC=N1)NFormula C4H6N4O

M.Wt 126.12

Solubility DMSO: 100 mg/mL (792.90 mM); Water: 20 mg/mL (158.58 mM)

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**

4-Amino-5-imidazolecarboxamide is an imidazole derivative which is a metabolite of the antineoplastic agents BIC and DIC. By itself, or as the ribonucleotide, it is used as a condensation agent in the preparation of nucleosides and nucleotides.

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