
Product Data Sheet

Product Name: 3-Pyridineacetic acid

Cat. No.: GC33604

Chemical Properties

Cas. No. 501-81-5

SMILES C1=NC=CC=C1CC(O)=OFormula C7H7NO2

M.Wt 137.14

Solubility DMSO : 20 mg/mL (145.84 mM; ultrasonic and warming and heat to 80°C)

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-Pyridineacetic acid is a higher homologue of nicotinic acid, a breakdown product of nicotine (and other tobacco alkaloids).

3-Pyridineacetic acid is a higher homologue of nicotinic acid[1], a breakdown product of nicotine (and other tobacco alkaloids). It is formed from 4-(3-pyridyl)-butanoate[2].

[1]. GINOULHIAC E, et al. 3-Pyridineacetic acid and nicotinic acid: blood levels, urinary elimination and excretion of nicotinic acid derivatives in man. *Nature*. 1962 Mar 10;193:948-9. [2]. Zwickenpflug W, et al. Metabolism of myosmine in Wistar rats. *Drug Metab Dispos*. 2005 Nov;33(11):1648-56.

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

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