

Product Data Sheet

Product Name: 2-Mercaptopyridine N-oxide sodium salt

Cat. No.: GD16100

Chemical Properties

Cas. No. 3811-73-2

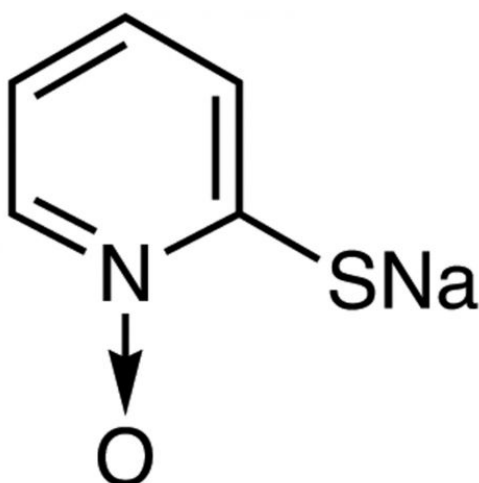
Formula C₅H₄NNaOS M.Wt 149.15

Solubility H₂O : 100 mg/mL (670.47 mM; Need Storage ultrasonic)

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

2-Mercaptopyridine N-oxide sodium has bactericidal effect and is against a standard strain of Mycobacterium tuberculosis H37Rv (ATCC 27294) with MIC₉₀ of 7.20 μM. 2-Mercaptopyridine N-oxide sodium and its complex with iron, gallium, and bismuth have good anti-M. tuberculosis activity. 2-Mercaptopyridine N-oxide sodium has potential for the treatment of tuberculosis.

[1]. Debora L Campos, et al. Bactericidal Effect of pyridine-2-thiol 1-oxide Sodium Salt and Its Complex With Iron Against Resistant Clinical Isolates of Mycobacterium Tuberculosis. J Antibiot

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

(Tokyo). 2020 Feb;73(2):120-124.

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