

Product Data Sheet

Product Name: Pyrazine-2-thio Carboxamide

Cat. No.: GC44784

Chemical Properties

Cas. No. 4604-72-2

SMILES NC(C1=CN=CC=N1)=S

Formula C₅H₅N₃S

M.Wt 139.2

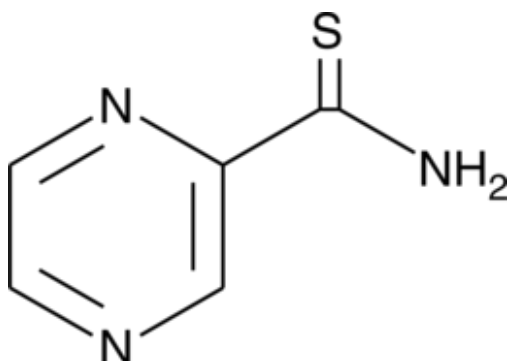
Solubility DMF: 25 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:10): 0.1 mg/ml, Ethanol: 0.2 mg/ml

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

Pyrazine-2-thio carboxamide is a synthetic intermediate useful for pharmaceutical synthesis. Like the related pyrazinamide, pyrazine-2-thio carboxamide has mycobacteriostatic and mycobacteriocidal activities in vitro, suggesting that it might be an effective antituberculosis drug.

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

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