

Product Data Sheet

Product Name: Nithiamide

Cat. No.: GC12572

Chemical Properties

Cas. No. 140-40-9

Chemical Name N-(5-nitro-1,3-thiazol-2-yl)acetamide

SMILES CC(=O)NC1=NC=C(S1)[N+](=O)[O-]

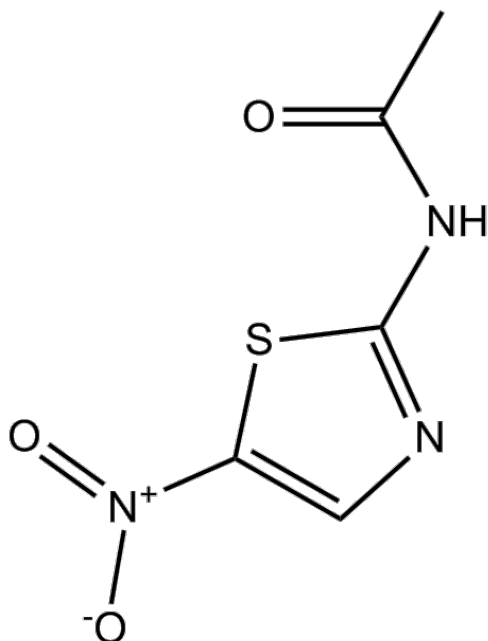
Formula $C_5H_5N_3O_3S$ M.Wt 187.18

Solubility $\geq 8.15\text{mg/mL}$ in DMSO 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

Nithiamide is a non-5-nitroimidazole drug, is an antibiotic used in veterinary.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Layton HW, et al. Efficacy of nithiamide in preventing and treating swine dysentery in experimentally inoculated pigs. Am J Vet Res. 1977 May;38(5):627-31.

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