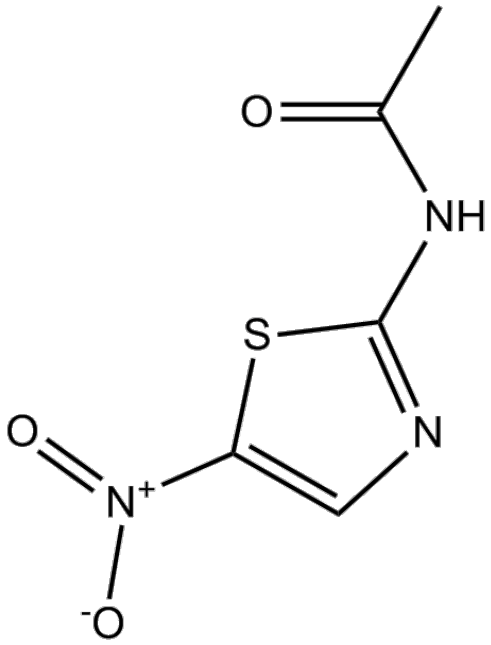
Product Data Sheet

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	≥ 8.15mg/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 drugs, is a antibiotic used in veterinary.

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

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.

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