

Product Data Sheet

Product Name: Dinitolmide

Cat. No.: GC15224

Chemical Properties

Cas. No. 148-01-6

Chemical Name 2-methyl-3,5-dinitrobenzamide

SMILES CC1=C(C=C(C=C1C(=O)N)[N+](=O)[O-])[N+](=O)[O-]

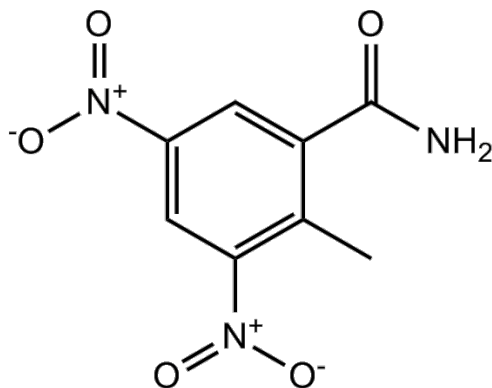
Formula $C_8H_7N_3O_5$ M.Wt 225.16

Solubility DMF: 15mg/mL, DMSO: 15mg/mL, DMSO:PBS (pH 7.2) (1:4): 0.2mg/mL, Ethanol: 0.5mg/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



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

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Background

Dinitolmide is a fodder additive for poultry, used to prevent coccidiosis infections.

References:

[1]. Qu D, et al. Effect of dinitolmide intercalated into Montmorillonite on E. tenella infection in chickens. Parasitol Res. 2014 Mar;113(3):1233-8.

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