

Product Data Sheet

Product Name: 2,4-Dinitrobenzenesulfonic acid

Cat. No.: GC79353

Chemical Properties

Cas. No. 89-02-1

Formula $C_6H_4N_2O_7S$

M.Wt 248.17

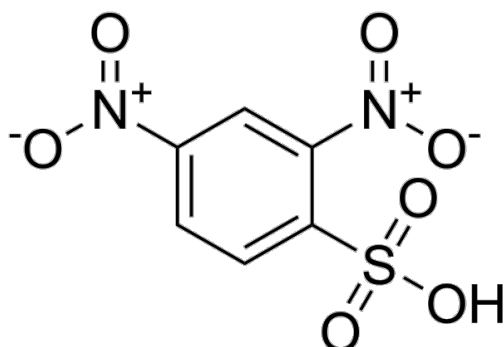
Solubility

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

2,4-Dinitrobenzenesulfonic acid (Compound 3) is a ecto-5'-Nucleotidase (CD73) inhibitor with a K_i value of 63 μM for human and 144 μM for rat. 2,4-Dinitrobenzenesulfonic acid can inhibit the hydrolysis of adenosine monophosphate (AMP) to generate adenosine. 2,4-Dinitrobenzenesulfonic acid can be used for the research of cancer [1].

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]. Raza R, et al. Identification of small molecule sulfonic acids as ecto-5'-Nucleotidase inhibitors. Med Chem. 2012 Nov;8(6):1133-9.

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