

Product Data Sheet

Product Name: N-acetyl Dapsone

Cat. No.: GC44294

Chemical Properties

Cas. No. 565-20-8

SMILES NC1=CC=C(S(C2=CC=C(NC(C)=O)C=C2)(=O)=O)C=C1

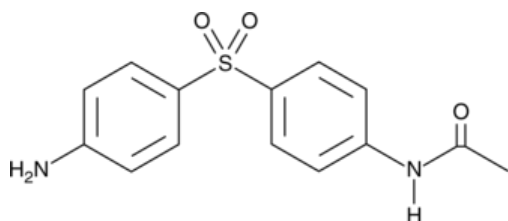
Formula C₁₄H₁₄N₂O₃S M.Wt 290.3

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:1): 0.5 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 sizes: ship with RT, or blue ice upon request.

Structure



Background

N-acetyl Dapsone is a metabolite of dapsone, an anti-inflammatory and antibacterial compound that is widely used in the treatment of leprosy, malaria, acne, and various immune disorders. Dapsone is acetylated in the liver to monoacetyldapsone, the major metabolite, and other mono and diacetyl derivatives, and subsequently deacetylated back to diaminodiphenylsulfone (dapsone) until a state of equilibrium is achieved.

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