
Product Data Sheet

Product Name: Acridone
Cat. No.: GC61894

Chemical Properties

Cas. No. 578-95-0

SMILES C1=C2C(=CC=C1)C(C3=C(N2)C=CC=C3)=O

Formula C₁₃H₉NO

M.Wt 195.22

Solubility DMSO : 25 mg/mL (128.06 mM; Need ultrasonic) 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

Acridone is an organic compound based on the acridine skeleton. Acridone has antibacterial, antimalarial, antiviral and anti neoplastic activities[1].

References:

[1]. Licheng Xu, et al. Acridone suppresses the proliferation of human breast cancer cells in vitro via ATP-binding cassette subfamily G member 2. *Oncol Lett.* 2018 Feb; 15(2): 2651-2654.

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
