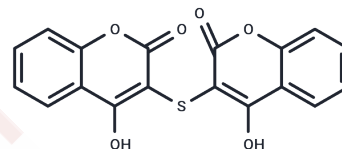


A-1062

Chemical Properties

CAS No. : 1821-13-2
 Formula: C₁₈H₁₀O₆S
 Molecular Weight: 354.33
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	A-1062, a resolvase-binding inhibitor, inhibits resolvase binding to the res site.
Targets(IC50)	Others, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8222 mL	14.1111 mL	28.2223 mL
5 mM	0.5644 mL	2.8222 mL	5.6445 mL
10 mM	0.2822 mL	1.4111 mL	2.8222 mL
50 mM	0.0564 mL	0.2822 mL	0.5644 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Flanagan PM, Fennewald MA. Analysis of inhibitors of the site-specific recombination reaction mediated by Tn3 resolvase. J Mol Biol. 1989 Mar 20;206(2):295-304. PubMed PMID: 2541253.
 Fennewald MA, Capobianco J. Isolation and analysis of inhibitors of transposon Tn3 site-specific recombination. J Bacteriol. 1984 Jul;159(1):404-6. PubMed PMID: 6330043; PubMed Central PMCID: PMC215648.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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