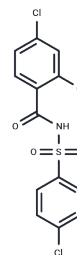


LY-33169

## Chemical Properties

CAS No. : 477844-47-6  
 Formula: C<sub>13</sub>H<sub>8</sub>Cl<sub>3</sub>NO<sub>3</sub>S  
 Molecular Weight: 364.63  
 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	LY-33169 is an experimental antitumor agent exhibiting selective cytotoxicity against multiple cancer cell lines, including Colon Adenocarcinoma-38, Human Colon-116, Human Prostate LNCaP, and Human Breast WSU-Br-1, LY-33169 demonstrates notable curative activity in murine tumor models either alone or in combination with LY-32262. LY-33169 also shows broad antitumor sensitivity across diverse malignancies, with reported log-kill values such as Panc-03 (2.4 LK), Panc-02 (2.9-4.1 LK), Squamous Lung LC-12 (2.1 LK), Colon-26 (2.2 LK), AML1498 (2.7 LK), Human Small Cell Lung DMS-273 (6.3 LK), Human Squamous Lung 165 (3.7 LK), Human Ovarian BG-1 (3.7 LK), Human Colon CX-1 (1.6 LK), Human Colon-15/MDR (2.3 LK), and Human CNS gliosarcoma SF295 (3.8 LK), illustrating its broad-spectrum potency and relevance for antitumor drug-development studies.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7425 mL	13.7125 mL	27.4251 mL
5 mM	0.5485 mL	2.7425 mL	5.485 mL
10 mM	0.2743 mL	1.3713 mL	2.7425 mL
50 mM	0.0549 mL	0.2743 mL	0.5485 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

Corbett TH, et al. Discovery and preclinical antitumor efficacy evaluations of LY32262 and LY33169. Invest New Drugs. 2003 Feb;21(1):33-45.

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