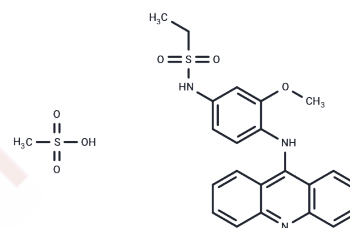


## NSC243928 mesylate

## Chemical Properties

CAS No. :	59988-01-1
Formula:	C23H25N3O6S2
Molecular Weight:	503.59
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	NSC243928 mesylate binds to human lymphocyte antigen 6 (LY6), a cell growth inhibitor with anticancer activity, and induces cell death in triple-negative breast cancer cells in a LY6K-dependent manner.
Targets(IC50)	Others,HuR,TNF

## Solubility Information

Solubility	DMSO: 50 mg/mL (99.29 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9857 mL	9.9287 mL	19.8574 mL
5 mM	0.3971 mL	1.9857 mL	3.9715 mL
10 mM	0.1986 mL	0.9929 mL	1.9857 mL
50 mM	0.0397 mL	0.1986 mL	0.3971 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

Senyi Benti, et al. Small Molecule Binds with Lymphocyte Antigen 6K to Induce Cancer Cell Death. *Cancers (Basel)*. 2020 Feb 22;12(2):509.

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