

CP-28888

## Chemical Properties

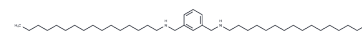
CAS No. : 69938-75-6

Formula: C40H76N2

Molecular Weight: 585.05

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	CP-28888 (CP 28888-27) is an interferon inducer, a lipoamine with antitumor activity.
Targets(IC50)	IFNAR
In vivo	Plasma interferon levels of CP-28888 were 10-fold higher than those of CP-20,961 in mice treated with 25 mg/kg CP-28888, intravenously, suggesting that CP-28888 appeared to have a stronger interferon-inducing effect than CP-20,961. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7093 mL	8.5463 mL	17.0926 mL
5 mM	0.3419 mL	1.7093 mL	3.4185 mL
10 mM	0.1709 mL	0.8546 mL	1.7093 mL
50 mM	0.0342 mL	0.1709 mL	0.3419 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

Douglas RG Jr, et al. Lack of effect of an interferon inducer, N,N-dihexadecyl-m-xylylenediamine, on rhinovirus challenge in humans. Antimicrob Agents Chemother. 1979 Feb;15(2):269-72.

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