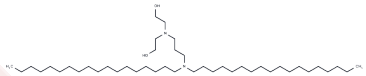
Data Sheet (Cat.No.T15003)

TargetMol

CP-20961

Chemical Properties



CAS No. : 35607-20-6

Formula: C43H90N2O2

Molecular Weight: 667.19

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-20961 is an effective synthetic non-immunogenic adjuvant that can be used to induce acute and chronic arthritis models.
Targets(IC50)	Others
In vivo	CP-20961 (10 mg/kg, i.v., once either 24, 48, or 72 hours post-burn) had no effect on survival after challenge with P. aeruginosa 96 hours post-burn [3].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4988 mL	7.4941 mL	14.9882 mL
5 mM	0.2998 mL	1.4988 mL	2.9976 mL
10 mM	0.1499 mL	0.7494 mL	1.4988 mL
50 mM	0.030 mL	0.1499 mL	0.2998 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

Brun JG, et al. Effects of calprotectin in avridine-induced arthritis. APMIS. 1995 Mar;103(3):233-40.

Vingsbo C, et al. Avridine-induced arthritis in rats; a T cell-dependent chronic disease influenced both by MHC genes and by non-MHC genes. Clin Exp Immunol. 1995 Mar;99(3):359-63.

Stinnett JD, et al. Synthetic immunomodulators for prevention of fatal infections in a burned guinea pig model. Ann Surg. 1983 Jul;198(1):53-7.

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