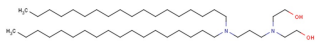
Data Sheet (Cat.No.T15003)

CP-20961

Chemical Properties



CAS No.:	35607-20-6
Formula:	C43H90N2O2
Molecular Weight:	667.19
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	CP-20961 is a synthetic non-immunogenic adjuvant. It induces arthritis.
Targets(IC_{50})	Others: None
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].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.499 mL	7.494 mL	14.988 mL
5 mM	0.3 mL	1.499 mL	2.998 mL
10 mM	0.15 mL	0.749 mL	1.499 mL
50 mM	0.03 mL	0.15 mL	0.3 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. Brun JG, et al. Effects of calprotectin in avridine-induced arthritis. APMIS. 1995 Mar;103(3):233-40.
2. 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.
3. 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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