

Certificate of Analysis

Product Name: CP 20961

Catalog No.: 3767

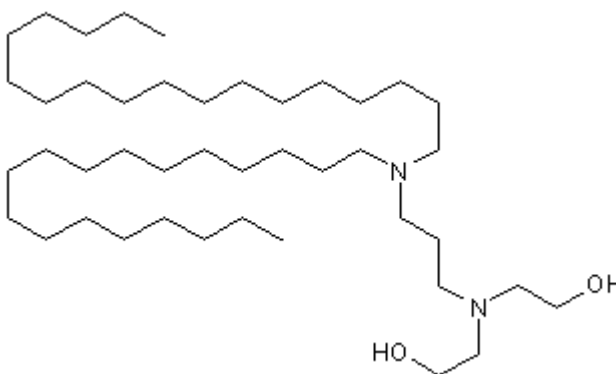
Batch No.: 1

CAS Number: 35607-20-6

IUPAC Name: *N,N*-Dioctadecyl-*N,N*-bis(2-hydroxyethyl)-1,3-diaminopropane

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₄₃H₅₀N₂O₂
Batch Molecular Weight: 667.19
Physical Appearance: Off-white solid
Solubility: ethanol to 50 mM with gentle warming
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	77.41	13.6	4.2
Found	77.43	13.51	4.29

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Non-immunogenic adjuvant; used to induce arthritis in Lewis (LEW) and DA rats.

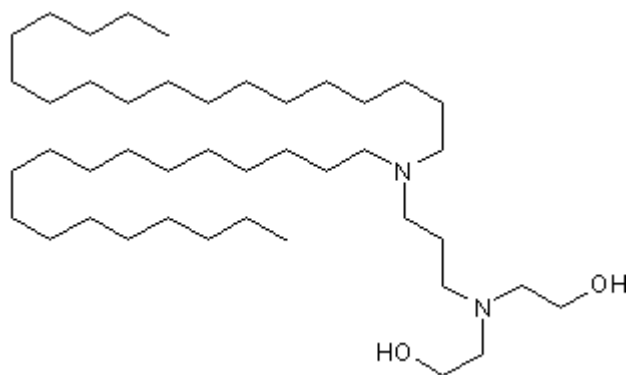
Physical and Chemical Properties:

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Solubility & Usage Info:

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Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Meacock *et al* (1994) Arthritis in Lewis rats induced by the non-immunogenic adjuvant CP20961: an immunohistochemical analysis of the developing disease. *Ann.Rheu.Dis.* **53** 653.

Vingsbo *et al* (1995) Avidine-induced arthritis in rats; a T cell-dependent chronic disease influence both by MHC genes and by non-MHC genes. *Clin.Exp.Immunol.* **99** 359. PMID: 7882557.

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bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel: +1 612 379 2956