

Product Data Sheet

Product Name: Polysarcosine150

Cat. No.: GC91878

Chemical Properties

Cas. No.

Chemical Name N-butyl-2-(methyl((methylamino)methyl)amino)acetamide

SMILES CCCCNC(CN(C)C)C(=O)N

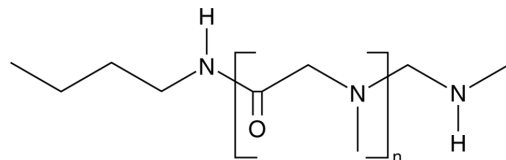
Formula $(C_3H_5NO)_n C_6H_{16}N_2$ M.Wt

Solubility Chloroform: Soluble Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Polysarcosine150 is an amine-functionalized hydrophilic polymer.¹ Surface modification of liposomes with polysarcosine polymers between 10 and 400 units long have been used to increase circulation half-life.

References:

[1]. Weber, B., Birke, A., Fischer, K., et al. Solution properties of polysarcosine: From absolute and relative molar mass determinations to complement activation *Macromolecules* 51(7)2653–2661 (2018).

Caution: Product has not been fully validated for medical applications. For research use only.

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