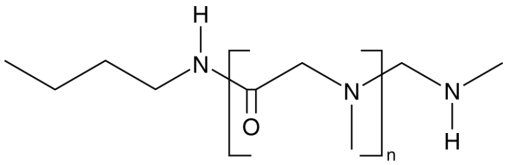
Product Data Sheet

Product Name: Polysarcosine150
Cat. No.: GC91878

Chemical Properties

Cas. No.			
Chemical Name	N-butyl-2-(methyl((methylamino)methyl)amino)acetamide		
SMILES	CCCCNC(CN(C)CNC)=O		
Formula	$(C_3H_5NO)nC_6H_{16}N_2$	M.Wt	
Solubility	Chloroform: Soluble	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°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 activationMacromolecules51(7)2653–2661(2018).

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