



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION

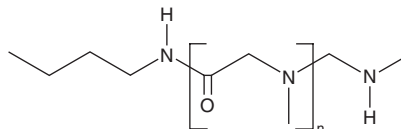


Polysarcosine50

Item No. 39049

Formal Name: N-butyl-2-(methyl((methylamino)methyl)amino)acetamide

Synonym: pSar₅₀
MF: (C₃H₆NO)_nC₆H₁₆N₂
Purity: ≥90%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Polysarcosine50 is supplied as a solid. A stock solution may be made by dissolving the polysarcosine50 in the solvent of choice, which should be purged with an inert gas. Polysarcosine50 is soluble in chloroform.

Description

Polysarcosine50 is an amine-functionalized hydrophilic polymer.¹ It has been used in the synthesis of catechol-functionalized copolypeptoids that can be used to solubilize manganese oxide nanoparticles in aqueous solvents. Surface modification of liposomes with polysarcosine polymers between 10 and 400 units long have been used to increase circulation half-life.²

References

1. Gebru, H., Wang, X., Li, Z., *et al.* Brønsted base mediated one-pot synthesis of catechol-ended amphiphilic polysarcosine-*b*-poly(*N*-butyl glycine) diblock copolypeptoids. *Pure Appl. Chem.* **91(3)**, 363-374 (2019).
2. 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).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 08/15/2024

CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM