



# 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

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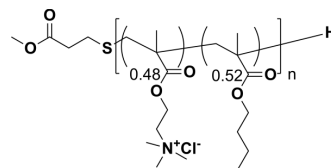
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## Polymethacrylate Copolymer (N-C4-52-6.9)

<b>Cat. No.:</b>	HY-160726
<b>CAS No.:</b>	2315261-99-3
<b>Molecular Formula:</b>	$(C_9H_{18}NO_2 \cdot C_8H_{14}O_2 \cdot Cl)_x \cdot C_4H_8O_2S$
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 10 mg/mL (Need ultrasonic) ☒☒☒ : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)
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### BIOLOGICAL ACTIVITY

<b>Description</b>	Polymethacrylate Copolymer N-C4-52-6.9 is a polymer that consists of hydrophobic butylmethacrylate and cationic methacryloylcholine chloride monomers. Polymethacrylate Copolymer N-C4-52-6.9 is able to solubilise lipid bilayers into nanodiscs. Polymethacrylate Copolymer N-C4-52-6.9 can be utilized in structure and functional studies on membrane proteins <sup>[1]</sup> .
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### REFERENCES

[1]. Lavington S, et al., Detergent-free solubilisation & purification of a G protein coupled receptor using a polymethacrylate polymer. *Biochim Biophys Acta Biomembr.* 2021 Jan 1;1863(1):183441.

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

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