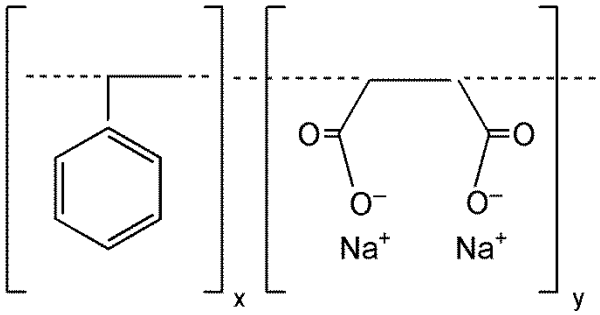
SUPPLEMENTARY MATERIALS

Peclo, M.M., Lipatova, L.N., Kashirina, N.M., Sharf, T.V., Kuznetzova, I.B., Efremov, E.E., Yanushevskaya, E.V., Rutkevich, P.N., Rybalkin, I.N., Vlasik T.N. (2023) β1-adrenergic receptor solubilized in the form of nanodiscs: screening of various amphipatic polymers. Biomedical Chemistry: Research and Methods, **6**(4), e00206. DOI: 10.18097/BMCRM00206

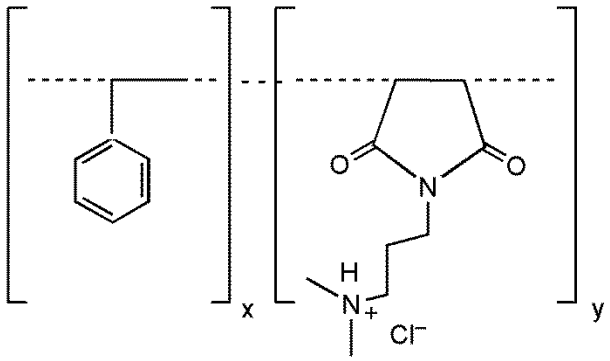
Figure S1. Structure of the used amphipathic polymers.

https://cube-biotech.com/products/membrane-protein-stabilization/synthetic-nanodisc-products/



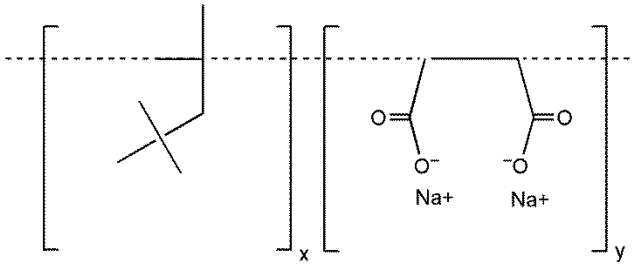
SMALP styrene/maleic acid copolymer

	X : Y	**MW, kDa**
SMALP 140	1.4 : 1	5
SMALP 200	2 : 1	6.5
SMALP 300	3 : 1	10



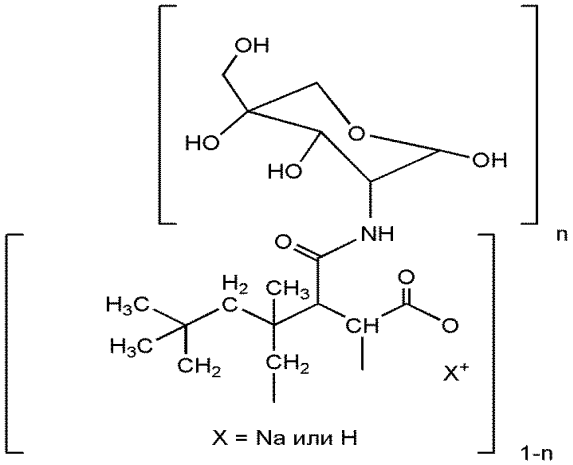
SMALP 140-I styrene/malemide copolymer

X : Y = 1.4 : 1 **MW, kDa** - 5



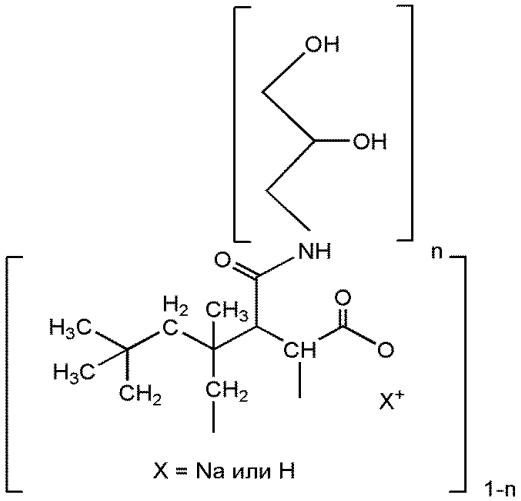
DIBMA diisobutylene/maleic acid copolymer

	X : Y	MW,kDa
DIBMA 10	1 : 1	10
DIBMA 12	1 : 1	12



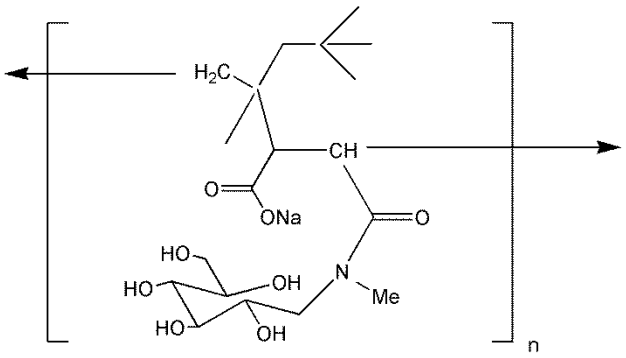
DIBMA Glucosamine Diisobutylene Maleic Acid glucosamide copolymer

Diisobutylene / Maleic Acid = 1 : 1 MW, kDa – 14.9



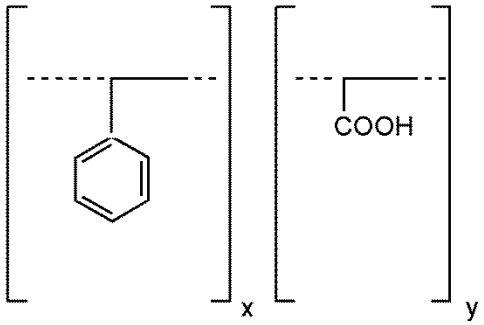
DIBMA Glycerol Diisobutylene Maleic Acid glycerol amide copolymer

Diisobutylene / Maleic Acid = 1 : 1 **MW, kDa –** 12.5



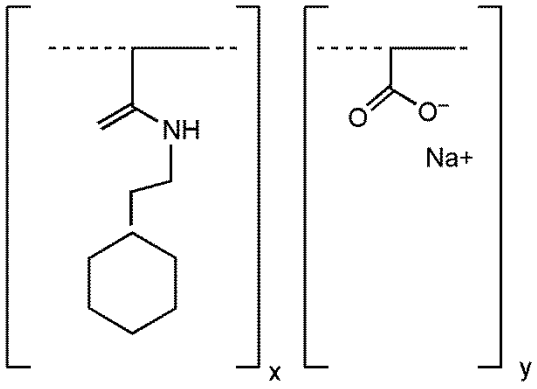
Glyco DIBMA Diisobutylene Maleic Acid 4-Meglumin-Amid copolymer

Diisobutylene / Maleic Acid = 1 : 1 MW, kDa – 15.7



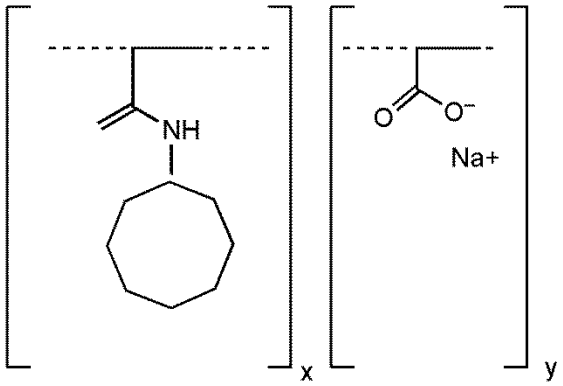
AASTY Styrene Acrylc Acid copolymer

	Y : X	MW, kDa
AASTY 6-50	1 : 1	5.5
AASTY 11-50	1 : 1	11
AASTY 6-45	45 : 55	5.5
AASTY 11-55	55 : 45	11
AASTY 6 -55	55 : 45	5.5
AASTY 11-45	45 : 55	11



Ultrasolute^{TM} Amphipol 17 2-cyclohexyl-ethyl acrylamide acrylamide/acrylic acid copolymer

X : Y = 1 : 1 **MW, kDa** – 14.9



Ultrasolute^{TM} Amphipol 18 cyclooctyl-acrylamide / acrylic acid copolymer

X : Y = 1 : 1 **MW, kDa** – 7.5