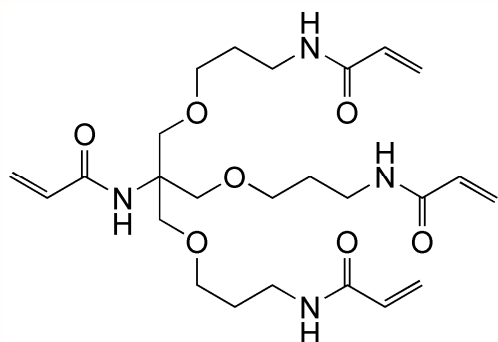


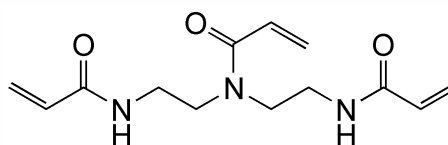
Water-soluble Acrylamide Monomer

Acrylamide polymers are used in a variety of applications such as UV paints, adhesives, and lens coating materials. In recent years, acrylamide polymers are highly biocompatible and are expected to be applied as biomaterials. We have newly added a cross-linking agent with multiple acrylamide groups and a monomer with a betaine structure and a methacrylamide group that expresses high hydrophilicity. Please use it for the development of new polymer materials.

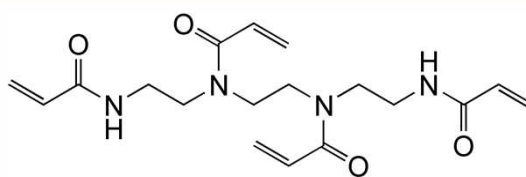
<Cross-linking Agent >



N-[Tris(3-acrylamidopropoxymethyl)-methyl]acrylamide
(FOM-03006)

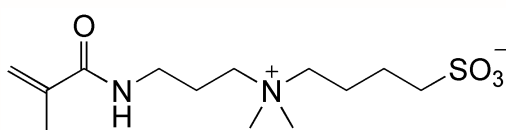


N,N-Bis(2-acrylamidoethyl)acrylamide
(FOM-03007)



N,N'-1,2-Ethanediylobis{*N*-[2-(acryloyl-amino)ethyl]acrylamide}
(FOM-03009)

<Monomer>



4-[(3-Methacrylamidopropyl)dimethyl-ammonio]butane-1-sulfonate
(FOM-03010)

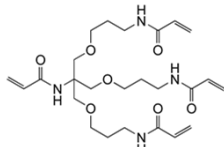
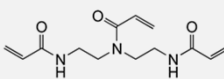
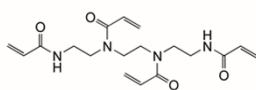
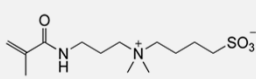
Feature

- Highly water-soluble and excellent in safety.
- High hydrolysis resistance.
- Attention to biomaterials as a polymer application¹⁾.
- These monomers are able to supply on a kilogram scale.

<Reference>

1) Matsuda, T., Kawakami, R., Namba, R., Nakajima, T. and Gong, J. P. : *Science.*, **363**, 504 (2019).

Product List

Code No.	Product Name	Structure	CAS RN [®]	Package Size
			Storage conditions	
356-45851	<i>N</i> -[Tris(3-acrylamidopropoxymethyl)-methyl]acrylamide 【FOM-03006】		1393329-90-2	5g
			-20°C	
353-45861	<i>N,N</i> -Bis(2-acrylamidoethyl)acrylamide 【FOM-03007】		34330-10-4	5g
			-20°C	
357-45881	<i>N,N'</i> -1,2-Ethanediybis{ <i>N</i> -[2-(acryloyl-amino)ethyl]acrylamide} 【FOM-03009】		158749-66-7	5g
			-20°C	
354-45891	4-[(3-Methacrylamidopropyl)dimethyl-ammonio]butane-1-sulfonate 【FOM-03010】		83623-32-9	5g
			-20°C	

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