



## Product Information

### N,N'-Methylenebisacrylamide

**Cat. No.:** XGB975

**Size:** 25 g; 100 g; 250 g

**MDL:** MFCD00008625

**CAS Number:** 110-26-9

**PubChem Substance ID:** 24897151

**REAXYS Number:** 1706297

**NACRES:** NB.22

**Synonym:** BIS

This product is for research use only and is not intended for diagnostic use.

#### Product Information

<b>Molecular Weight</b>	154.17
<b>InChI</b>	1S/C7H10N2O2/c1-3-6(10)8-5-9-7(11)4-2/h3-4H,1-2,5H2,(H,8,10)(H,9,11)
<b>SMILES string</b>	<chem>C=CC(=O)NCNC(=O)C=C</chem>
<b>Form</b>	powder
<b>Purity</b>	powder, for molecular biology, for electrophoresis, ≥99.5%
<b>Impurities</b>	≤0.05% Free carboxylic acid (T)
<b>Quality Level</b>	200
<b>Applications</b>	N,N'-Methylenebisacrylamide can be used:• as a crosslinker to prepare N,N-dimethyl acrylamide (DMAAm)-based cryogel and acrylamide (AAm)-based cryogel matrix• in the preparation of acrylamide-bisacrylamide stock solution for the preparation of polyacrylamide gel • as a crosslinker to prepare tough hydrogel network

#### Safety Information

<b>Personal Protective Equipment</b>	dust mask type N95 (US), Eyeshields, Faceshields, Gloves
<b>WGK Germany</b>	WGK 2
<b>Hazard Statements</b>	H302