MP Biomedicals, LLC

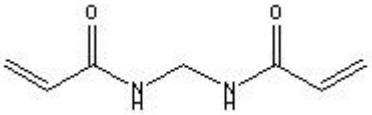
29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: http://www.mpbio.com

TECHNICAL INFORMATION

Catalog Number: 193997, 800706, 800171, 800172, 800173, 800175, 800178, 800801
N,N'-Methylene-bis-Acrylamide

Structure:



Molecular Formula: $C_7H_{10}N_2O_2$
Molecular Weight: 154.2
CAS # : 110-26-9
Synonym: bis-Acrylamide
Physical Description: White crystalline powder
Solubility: Soluble in 2 % water (clear and colorless)
Description: A cross-linker reagent used for precise, critical PAGE gels. May be used in UV scanning gels.
Availability:

Catalog Number	Description	Size
193997	N,N'-Methylene-bis-Acrylamide, purity 98+%	10 g 25 g 100 g 250 g
800172 800171 800706 800173 800175 800178	N,N'-Methylene-bis-Acrylamide, Ultra pure, purity approximately 99.9%	5 g 10 g 25 g 50 g 250 g 1 kg
800801	Liquibis, a 2% (w/v) solution of ultra pure bis-acrylamide prepared in deionized water. How to Use: $\left(\begin{matrix}\text{ml of LiquiBis}\\ \text{to use}\end{matrix}\right) = \dfrac{(CC)\left(\begin{matrix}\text{Final desired}\\ \text{gel concentration}\end{matrix}\right)\left(\begin{matrix}\text{Final ml of gel}\\ \text{to be prepared}\end{matrix}\right)}{(2\%)}$ Where CC $\left(\begin{matrix}\text{Cross-Linker}\\ \text{Content}\end{matrix}\right) = \dfrac{(\text{Parts of Cross-Linker in final gel})}{\left(\begin{matrix}\text{Parts of}\\ \text{Cross-Linker content}\end{matrix}\right) + \left(\begin{matrix}\text{Parts of}\\ \text{Monomer content}\end{matrix}\right)}$ For example: A 19:1 mixture would have a 0.05 CC (Cross-Linker Content)	500 ml