

# MeSH Tree Structures - 2008

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

<b>Macromolecular Substances</b>	D5		
<b>Micelles</b>	D5.374	D26.255.	D27.720.
<b>Multiprotein Complexes</b>	D5.500		
<b>Amyloid</b>	D5.500.49	D12.776.	
<b>Apoptosomes</b>	D5.500.99		
<b>Dystrophin-Associated Protein Complex</b>	D5.500.149		
<b>Light-Harvesting Protein Complexes</b>	D5.500.249	D8.811.	D12.776.
<b>Phycobilisomes</b>	D5.500.249.600	A11.284.	D12.776.
<b>Phycobiliproteins</b>	D5.500.249.600.666	D12.776.	
<b>Molecular Motor Proteins</b>	D5.500.500	D8.811.	
<b>Multienzyme Complexes</b>	D5.500.562	D8.811.	
<b>Cytochrome b6f Complex</b>	D5.500.562.124	D8.811.	D12.776.
<b>Plastoquinol-Plastocyanin Reductase</b>	D5.500.562.124.500	D8.811.	D8.811.
<b>Electron Transport Complex I</b>	D5.500.562.249	D12.776.	D12.776.
<b>Electron Transport Complex IV</b>	D5.500.562.374	D8.811.	D8.811.
<b>Fatty Acid Synthetase Complex</b>	D5.500.562.437	D8.811.	
<b>Fatty Acid Synthetase Complex, Type II</b>	D5.500.562.437.500	D8.811.	
<b>Glycine Decarboxylase Complex</b>	D5.500.562.452	D8.811.	D8.811.
<b>Aminomethyltransferase</b>	D5.500.562.452.100	D8.811.	D8.811.
<b>Dihydrolipoamide Dehydrogenase</b>	D5.500.562.452.150	D5.500.	D5.500.
<b>Glycine Decarboxylase Complex H-Protein</b>	D5.500.562.452.175	D8.811.	
<b>Glycine Dehydrogenase (Decarboxylating)</b>	D5.500.562.452.200	D8.811.	D8.811.
<b>Ketoglutarate Dehydrogenase Complex</b>	D5.500.562.468	D8.811.	D8.811.
<b>Dihydrolipoamide Dehydrogenase</b>	D5.500.562.468.500	D5.500.	D5.500.
<b>Phosphoenolpyruvate Sugar Phosphotransferase System</b>	D5.500.562.484	D8.811.	D8.811.
<b>Photosystem I Protein Complex</b>	D5.500.562.492	D8.811.	D12.776.
<b>Photosystem II Protein Complex</b>	D5.500.562.496	D8.811.	D12.776.
<b>Proteasome Endopeptidase Complex</b>	D5.500.562.500	D8.811.	D8.811.
<b>Pyruvate Dehydrogenase Complex</b>	D5.500.562.625	D8.811.	
<b>Dihydrolipoamide Dehydrogenase</b>	D5.500.562.625.500	D5.500.	D5.500.
<b>Dihydrolipoyllysine-Residue Acetyltransferase</b>	D5.500.562.625.750	D8.811.	D8.811.
<b>Pyruvate Dehydrogenase (Lipoamide)</b>	D5.500.562.625.875	D8.811.	D8.811.
<b>Succinate Cytochrome c Oxidoreductase</b>	D5.500.562.750	D8.811.	D8.811.
<b>Electron Transport Complex II</b>	D5.500.562.750.249	D8.811.	D8.811.
<b>Succinate Dehydrogenase</b>	D5.500.562.750.249.500	D12.776.	D12.776.
		D8.811.	D8.811.
		D8.811.	D12.776.
		D12.776.	D12.776.

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

#### Multiprotein Complexes

#### Multienzyme Complexes

#### Succinate Cytochrome c Oxidoreductase

#### Electron Transport Complex III

#### Electron Transport Complex III

D5.500.562.750.500

D8.811.

D8.811.

D12.776.

D12.776.

D12.776.

D12.776.

#### Sucrase-Isomaltase Complex

D5.500.562.875

D8.811.

D8.811.

D8.811.

### Polymers

#### Biopolymers

#### Chitin

D5.750

D25.720

J1.637.

#### Chitosan

D5.750.78

D25.720.

J1.637.

#### Collagen

#### Fibrillar Collagens

D5.750.78.139

D9.698.

#### Collagen Type I

D5.750.78.139.500

D9.698.

#### Collagen Type II

D5.750.78.280

D12.776.

#### Collagen Type III

D5.750.78.280.300

D12.776.

#### Collagen Type V

D5.750.78.280.300.100

D12.776.

#### Collagen Type XI

D5.750.78.280.300.200

D12.776.

D5.750.78.280.300.300

D12.776.

D5.750.78.280.300.400

D12.776.

D5.750.78.280.300.500

D12.776.

#### Elastin

D5.750.78.421

D12.776.

#### Glucans

#### Cellulose

D5.750.78.562

D9.698.

#### Cellulose, Oxidized

D5.750.78.562.180

D9.698.

D25.720.

#### Lignin

D5.750.78.562.180.200

D9.698.

D5.750.78.562.180.515

D5.750.

D9.698.

D25.720.

J1.637.

#### Dextrans

D5.750.78.562.272

D9.698.

#### Glycogen

D5.750.78.562.388

D9.698.

#### Liver Glycogen

D5.750.78.562.388.518

D9.698.

#### Starch

D5.750.78.562.855

D9.698.

#### Inulin

D5.750.78.562.855.750

D9.698.

D9.698.

#### Intermediate Filament Proteins

#### Desmin

D5.750.78.593

D12.776.

#### Glial Fibrillary Acidic Protein

D5.750.78.593.200

D12.776.

#### Keratins

D5.750.78.593.400

D12.776.

#### beta-Keratins

D5.750.78.593.450

D12.776.

D12.776.

#### Keratins, Hair-Specific

D5.750.78.593.450.74

D12.776.

D12.776.

#### Keratins, Type I

D5.750.78.593.450.149

D12.776.

D12.776.

#### Keratin-10

D5.750.78.593.450.300

D12.776.

D12.776.

#### Keratin-12

D5.750.78.593.450.300.100

D12.776.

D12.776.

#### Keratin-13

D5.750.78.593.450.300.200

D12.776.

D12.776.

#### Keratin-14

D5.750.78.593.450.300.300

D12.776.

D12.776.

#### Keratin-16

D5.750.78.593.450.300.400

D12.776.

D12.776.

#### Keratin-17

D5.750.78.593.450.300.600

D12.776.

D12.776.

#### Keratin-18

D5.750.78.593.450.300.700

D12.776.

D12.776.

#### Keratin-19

D5.750.78.593.450.300.800

D12.776.

D12.776.

#### Keratin-20

D5.750.78.593.450.300.900

D12.776.

D12.776.

#### Keratins, Type II

D5.750.78.593.450.600

D12.776.

D12.776.

#### Keratin-1

D5.750.78.593.450.600.100

D12.776.

D12.776.

#### Keratin-2

D5.750.78.593.450.600.200

D12.776.

D12.776.

#### Keratin-3

D5.750.78.593.450.600.300

D12.776.

D12.776.

#### Keratin-4

D5.750.78.593.450.600.400

D12.776.

D12.776.

#### Keratin-5

D5.750.78.593.450.600.500

D12.776.

D12.776.

#### Keratin-6

D5.750.78.593.450.600.600

D12.776.

D12.776.

#### Keratin-7

D5.750.78.593.450.600.700

D12.776.

D12.776.

#### Keratin-8

D5.750.78.593.450.600.800

D12.776.

D12.776.

#### Keratin-9

D5.750.78.593.450.600.900

D12.776.

D12.776.

#### Neurofilament Proteins

D5.750.78.593.630

D12.776.

D12.776.

#### Vimentin

D5.750.78.593.900

D12.776.

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

#### Polymers

#### Biopolymers

#### Latex

<b>Latex</b>	D5.750.78.625	D20.215. D25.720. J1.637.	D25.720. D25.720. J1.637.
<b>Lignin</b>	D5.750.78.687	D5.750. D25.720.	D9.698. J1.637.
<b>Microfilament Proteins</b>	D5.750.78.730	D12.776.	
<b>Actin Capping Proteins</b>	D5.750.78.730.32	D12.776.	
<b>CapZ Actin Capping Protein</b>	D5.750.78.730.32.500	D12.776.	D12.776.
<b>Tropomodulin</b>	D5.750.78.730.32.750	D12.776.	D12.776.
<b>Actin Depolymerizing Factors</b>	D5.750.78.730.212	D12.776.	
<b>Cofilin 1</b>	D5.750.78.730.212.500	D12.776.	
<b>Cofilin 2</b>	D5.750.78.730.212.750	D12.776.	D12.776.
<b>Destrin</b>	D5.750.78.730.212.875	D12.776.	
<b>Actin-Related Protein 2-3 Complex</b>	D5.750.78.730.246	D12.776.	
<b>Actin-Related Protein 2</b>	D5.750.78.730.246.500	D12.776.	
<b>Actin-Related Protein 3</b>	D5.750.78.730.246.750	D12.776.	
<b>Actinin</b>	D5.750.78.730.248	D12.776.	D12.776.
<b>Actins</b>	D5.750.78.730.250	D12.776.	D12.776.
<b>Cortactin</b>	D5.750.78.730.281	D12.644. D12.776. D12.776.	D12.776. D12.776.
<b>Gelsolin</b>	D5.750.78.730.350	D12.644. D12.776.	D12.776. D12.776.
<b>Myosins</b>	D5.750.78.730.475	D8.811. D12.776.	D12.776.
<b>Myosin Heavy Chains</b>	D5.750.78.730.475.100	D12.776.	D12.776.
<b>Myosin Light Chains</b>	D5.750.78.730.475.200	D12.776. D12.776.	D12.776.
<b>Myosin Subfragments</b>	D5.750.78.730.475.300	D12.776.	D12.776.
<b>Myosin Type I</b>	D5.750.78.730.475.470	D8.811. D12.776.	D12.776.
<b>Myosin Type II</b>	D5.750.78.730.475.475	D8.811. D12.776.	D12.776.
<b>Cardiac Myosins</b>	D5.750.78.730.475.475.124	D8.811. D12.776.	D12.776.
<b>Atrial Myosins</b>	D5.750.78.730.475.475.124.249	D8.811. D12.776.	D12.776.
<b>Ventricular Myosins</b>	D5.750.78.730.475.475.124.500	D8.811. D12.776.	D12.776.
<b>Nonmuscle Myosin Type IIA</b>	D5.750.78.730.475.475.249	D8.811. D12.776.	D12.776.
<b>Nonmuscle Myosin Type IIB</b>	D5.750.78.730.475.475.500	D8.811. D12.776.	D12.776.
<b>Skeletal Muscle Myosins</b>	D5.750.78.730.475.475.750	D8.811. D12.776.	D12.776.
<b>Smooth Muscle Myosins</b>	D5.750.78.730.475.475.875	D8.811. D12.776.	D12.776.
<b>Myosin Type III</b>	D5.750.78.730.475.612	D8.811. D12.776.	D8.811.
<b>Myosin Type IV</b>	D5.750.78.730.475.681	D8.811.	D12.776.
<b>Myosin Type V</b>	D5.750.78.730.475.750	D8.811.	D12.776.
<b>Profilins</b>	D5.750.78.730.637	D12.776.	D12.776.
<b>Tropomyosin</b>	D5.750.78.730.800	D12.776.	D12.776.
<b>Troponin</b>	D5.750.78.730.825	D12.776.	D12.776.
<b>Troponin C</b>	D5.750.78.730.825.900	D12.776. D12.776.	D12.776.
<b>Troponin I</b>	D5.750.78.730.825.925	D12.776.	D12.776.
<b>Troponin T</b>	D5.750.78.730.825.962	D12.776.	D12.776.
<b>Wiskott-Aldrich Syndrome Protein Family</b>	D5.750.78.730.912	D12.776.	

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

#### Polymers

##### Biopolymers

##### Microfilament Proteins

##### Wiskott-Aldrich Syndrome Protein Family

##### Wiskott-Aldrich Syndrome Protein

##### Wiskott-Aldrich Syndrome Protein

D5.750.78.730.912.500

D12.776.

##### Wiskott-Aldrich Syndrome Protein, Neuronal

D5.750.78.730.912.550

D12.776.

##### Microtubule Proteins

##### Tubulin

D5.750.78.734

D12.776.

##### Pectins

D5.750.78.734.800

D12.776.

D12.776.

##### Plant Gums

D5.750.78.738

D9.698.

D20.215.

##### Chewing Gum

D5.750.78.739

D9.698.

D20.215.

##### Gum Arabic

D5.750.78.739.249

D9.698.

D20.215.

##### Karaya Gum

D5.750.78.739.500

D9.698.

D20.215.

##### Tragacanth

D5.750.78.739.625

D9.698.

D20.215.

##### Polyhydroxyalkanoates

D5.750.78.739.750

D9.698.

D20.215.

##### Resins, Plant

D5.750.78.789

D5.750.

D10.751

##### Amber

D5.750.78.840

D20.215.

##### Balsams

D5.750.78.840.109

D20.215.

##### Propolis

D5.750.78.840.219

D20.215.

##### Reticulin

D5.750.78.840.762

D20.215.

##### Silk

D5.750.78.850

D12.776.

##### Tannins

D5.750.78.875

D12.776.

##### Hydrolyzable Tannins

D5.750.78.937

D2.241.

D2.241.

##### Proanthocyanidins

D5.750.78.937.214

D2.755.

##### Colestipol

D5.750.78.937.429

D3.438.

D3.830.

D5.750.200

D2.92.

D25.720.

##### Cyanoacrylates

D5.750.259

J1.637.

##### Enbucrilate

D5.750.259

D2.241.

D2.626.

##### Bucrylate

D5.750.259.341

D25.720.

D25.919.

D5.750.259.341

J1.637.

J1.637.

D5.750.259.341

D2.241.

D2.626.

D5.750.259.341.110

D25.720.

D25.919.

D5.750.259.341.110

J1.637.

J1.637.

D5.750.259.341.110

D2.241.

D2.626.

D5.750.259.341.110

D25.720.

D25.919.

D5.750.259.341.110

J1.637.

J1.637.

D5.750.259.341.110

E2.319.

J1.637.

D5.750.327

D25.720.

J1.637.

D5.750.395

D25.720.

J1.637.

D5.750.395.616

D25.720.

J1.637.

D5.750.395.616.755

D25.720.

J1.637.

D5.750.470

D2.92.

D25.720.

D5.750.470

J1.637.

##### Plastics

D5.750.716

D25.720.

J1.637.

##### Nylons

D5.750.716.392

D25.720.

J1.576.

##### Polyethylenes

D5.750.716.507

J1.637.

J1.637.

##### Polyethylene

D5.750.716.507

D2.455.

D25.720.

##### Polyethyleneimine

D5.750.716.507.500

J1.637.

##### Polypropylenes

D5.750.716.507.600

D2.455.

D2.491.

##### Polypropylenes

D5.750.716.550

D25.720.

J1.637.

##### Polystyrenes

D5.750.716.550

D2.455.

D25.720.

##### Cholestyramine

D5.750.716.579

D2.455.

D25.720.

##### Polyurethanes

D5.750.716.579.159

J1.637.

D25.720.

D5.750.716.650

D2.241.

D25.720.

D5.750.716.650

D25.720.

J1.637.

D5.750.716.650

D2.241.

D25.720.

D5.750.716.650

D25.720.

J1.637.

D5.750.716.721

J1.637.

J1.637.

D5.750.716.721

D2.455.

D2.455.

D5.750.716.721

D25.720.

J1.637.

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

#### Polymers

##### Plastics

##### Polyvinyls

##### Polyvinyl Alcohol

##### Polyvinyl Alcohol

D5.750.716.721.616

D2.33.  
D25.720.

D2.455.  
J1.637.

##### Polyvinyl Chloride

D5.750.716.721.812

D2.455.  
D25.720.

D25.720.  
J1.637.

##### Povidone

D5.750.716.721.838

D2.455.  
D25.720.

D3.383.  
J1.637.

##### Povidone-Iodine

D5.750.716.721.838.745

D1.475.  
D3.383.

D2.455.  
D25.720.

##### Resins, Synthetic

##### Acrylic Resins

##### Polymethacrylic Acids

D5.750.716.822

D25.720.

J1.637.

##### Polymethacrylic Acids

D5.750.716.822.111

D25.720.

J1.637.

##### Polymethacrylic Acids

D5.750.716.822.111.650

D2.241.

D25.720.

##### Methylmethacrylates

D5.750.716.822.111.650.605

D2.241.

D25.720.

##### Methylmethacrylate

D5.750.716.822.111.650.605.450

D2.241.

D25.720.

##### Polymethyl Methacrylate

D5.750.716.822.111.650.605.500

D2.241.

D25.720.

##### Polyhydroxyethyl Methacrylate

D5.750.716.822.111.650.750

D2.33.  
D5.750.

D2.241.  
D25.720.

##### Bone Cements

D5.750.716.822.300

D25.720.  
J1.637.

D27.720.

##### Composite Resins

D5.750.716.822.308

D25.339.  
J1.637.

D25.720.  
J1.637.

##### Bisphenol A-Glycidyl Methacrylate

D5.750.716.822.308.200

D2.241.  
D25.339.

D2.755.  
D25.720.

##### Compomers

D5.750.716.822.308.300

D25.339.  
D25.720.

D25.339.  
J1.637.

##### Epoxy Resins

D5.750.716.822.461

D25.720.

J1.637.

##### Resin Cements

D5.750.716.822.730

D25.339.  
J1.637.

D25.720.  
J1.637.

##### Polyanetholesulfonate

D5.750.722

D2.455.  
D25.720.

D2.886.  
J1.637.

##### Polyanhydrides

D5.750.725

D2.113.

##### Polyesters

D5.750.728

D25.720.

J1.637.

##### Polydioxanone

D5.750.728.700

D25.130.

D25.720.

##### Polyethylene Terephthalates

D5.750.728.764

D25.720.

J1.637.

##### Polyglactin 910

D5.750.728.772

D25.720.

J1.637.

##### Polyglycolic Acid

D5.750.728.780

D25.720.

J1.637.

##### Polyhydroxyalkanoates

D5.750.728.890

D5.750.

D10.751

##### Polyethylene Glycols

D5.750.741

D2.33.

D25.720.

##### Cetomacrogol

D5.750.741.250

D2.33.  
J1.637.

D25.720.

##### Hydrogel

D5.750.741.485

D2.33.  
D26.255.

D25.720.  
J1.637.

##### Nonoxynol

D5.750.741.575

D2.33.  
J1.637.

D25.720.

##### Octoxynol

D5.750.741.610

D2.33.  
J1.637.

D25.720.

##### Poloxalene

D5.750.741.650

D2.33.  
J1.637.

D25.720.

##### Poloxamer

D5.750.741.667

D2.33.  
J1.637.

D25.720.

## D5 - MACROMOLECULAR SUBSTANCES

### Macromolecular Substances

#### Polymers

##### Polyethylene Glycols

##### Polyhydroxyethyl Methacrylate

##### Polyhydroxyethyl Methacrylate

D5.750.741.685

D2.33. D2.241.  
D5.750. D25.720.  
D25.720. J1.637.

##### Polysorbates

D5.750.741.700

D2.33. D25.720.  
J1.637.

##### Polygeline

D5.750.780

D12.644. D25.720.  
J1.637.

##### Polyphlorethin Phosphate

D5.750.795

D2.522. D2.755.  
D25.720. J1.637.

##### Pyran Copolymer

D5.750.830

D3.383. D3.830.  
D25.720. J1.637.

##### Siloxanes

D5.750.900

D1.837. D2.715.  
D25.720. J1.637.

##### Silicones

D5.750.900.850

D2.715. D25.720.  
J1.637.

##### Dimethylpolysiloxanes

D5.750.900.850.150

D2.715. D25.720.  
J1.637.

##### Simethicone

D5.750.900.850.150.750

D2.715. D25.720.  
J1.637.

##### Silicone Elastomers

D5.750.900.850.900

D25.720. D25.720.  
J1.637. J1.637.

##### Silicone Gels

D5.750.900.850.905

D2.715. D25.720.  
J1.637.

##### Silicone Oils

D5.750.900.850.950

D2.715. D25.720.  
J1.637.