

Product Information

Methyl cellulose, 100,000 mPa.s

Cat. No.: X24-04-XQ098

Size: 100 g; 500 g; 2.5 kg

MDL: MFCD00081763

CAS Number: 9004-67-5

Compound CID: 51063134

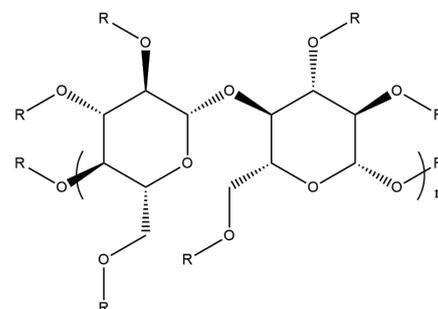
Synonym: 9004-67-5; Methylcellulose; Metilcellulosa; Adulsin; Bagolax; Bulkaloid;

Cellopret; Cellogel; Cellogran; Cellothyl; Cellumeth; Cethylose; Cethytin; Cologel;

Hydrolose; Mellose; Methulose; Napolone; Syncelose; Tylose; Viscol; Nicel; Methocel

A; Bufapto methalose

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



Product Information

Description	Methyl cellulose is a chemically modified form of cellulose having water-retention capability. Methyl cellulose is a high-quality product with a viscosity of 100,000 mPa.s.
Molecular Weight	454.5
Molecular Formula	C ₂₀ H ₃₈ O ₁₁
IUPAC Name	(5 <i>R</i>)-2,3,4-Trimethoxy-6-(methoxymethyl)-5-[(2 <i>S</i>)-3,4,5-trimethoxy-6-(methoxymethyl)oxan-2-yl]oxyoxane
InChI	InChI=1S/C20H38O11/c1-21-9-11-13(23-3)15(24-4)18(27-7)20(30-11)31-14-12(10-22-2)29-19(28-8)17(26-6)16(14)25-5/h11-20H,9-10H2,1-8H3/t11?,12?,13?,14-,15?,16?,17?,18?,19?,20+/m1/s1
InChI Key	YLGXILFCIXHCMC-JHGZEJCSSA-N
Canonical SMILES	COCC1C(C(C(C(O1)OC2C(OC(C(C2OC)OC)OC)COC)OC)OC)OC
Isomeric SMILES	COCC1[C@H](C(C(C(O1)OC)OC)OC)O[C@H]2C(C(C(C(O2)COC)OC)OC)OC
Viscosity	100,000 mPa.s
Form	White to light yellow powder
Applications	Methyl cellulose with the viscosity of 100,000 mPa.s can be used for the study of drug release profiles in pharmaceutical sciences.
Storage	Store at room temperature.