



Product Information

γ-Cyclodextrin

Cat. No.: XGB0517

Size: 1 g; 5 g

MDL: MFCD00009595

CAS Number: 17465-86-0

PubChem Substance ID: 24892736

NACRES: NA.22

Synonym: Cyclomaltooctaose, Cyclooctaamylose, Schardinger γ-Dextrin, gamma-Cyclodextrin

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

Product Information

Molecular Weight	1297.12
Empirical Formula	C48H80O40
InChI	1S/C48H80O40/c49-1-9-33-17(57)25(65)41(73-9)82-34-10(2-50)75-43(27(67)19(34)59)84-36-12(4-52)77-45(29(69)21(36)61)86-38-14(6-54)79-47(31(71)23(38)63)88-40-16(8-56)80-48(32(72)24(40)64)87-39-15(7-55)78-46(30(70)22(39)62)85-37-13(5-53)76-44(28(68)20(37)60)83-35-11(3-51)74-42(81-33)26(66)18(35)58/h9-72H,1-8H2/t9-,10-,11-,12-,13-,14-,15-,16-,17-,18-,19-,20-,21-,22-,23-,24-,25-,26-,27-,28-,29-,30-,31-,32-,33-,34-,35-,36-,37-,38-,39-,40-,41-,42-,43-,44-,45-,46-,47-,48-/m1/s1
SMILES string	[H][C@]1(O[C@H](COC(C)=O)[C@@H](OC(C)=O)[C@H](OC(C)=O)[C@H]1OC(C)=O)O[C@@H]2[C@@H](COC(C)=O)O[C@H](OC(C)=O)[C@H](OC(C)=O)[C@H]2OC(C)=O
Biological Source	microbial
Form	powder
Purity	≥98%
Quality Level	200

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 2