



Product Information

Heptakis(2,3,6-tri-O-methyl)- β -cyclodextrin, $\geq 98\%$

Cat. No.: XGB0008

Size: 1 g;5 g

MDL: MFCD00010728

CAS Number: 55216-11-0

PubChem Substance ID: 329757734

NACRES: NA.22

Synonym: 2,3,6-Tri-O-methyl- β -cyclodextrin, Trimethyl- β -cyclodextrin

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

Product Information

Molecular Weight	1429.54
Empirical Formula	C ₆₃ H ₁₁₂ O ₃₅
InChI	1S/C63H112O35/c1-64-22-29-36-43(71-8)50(78-15)57(85-29)93-37-30(23-65-2)87-59(52(80-17)44(37)72-9)95-39-32(25-67-4)89-61(54(82-19)46(39)74-11)97-41-34(27-69-6)91-63(56(84-21)48(41)76-13)98-42-35(28-70-7)90-62(55(83-20)49(42)77-14)96-40-33(26-68-5)88-60(53(81-18)47(40)75-12)94-38-31(24-66-3)86-58(92-36)51(79-16)45(38)73-10/h29-63H,22-28H2,1-21H3/t29-,30-,31-,32-,33-,34-,35-,36-,37-,38-,39-,40-,41-,42-,43+,44+,45+,46+,47+,48+,49+,50-,51-,52-,53-,54-,55-,56-,57-,58-,59-,60-,61-,62-,63-/m1/s1
SMILES string	<chem>COC[C@H]1O[C@@H]2O[C@@H]3[C@@H](COC)O[C@H](O[C@@H]4[C@@H](COC)O[C@H](O[C@@H]5[C@@H](COC)O[C@H](O[C@@H]6[C@@H](COC)O[C@H](O[C@@H]7[C@@H](COC)O[C@H](O[C@@H]8[C@@H](COC)O[C@H](O[C@H]1[C@H](OC)[C@H]2OC)[C@H](OC)[C@H]3OC)[C@H](OC)[C@H]7OC)[C@H](OC)[C@H]6OC)[C@H](OC)[C@H]5OC)[C@H](OC)[C@H]4OC)[C@H](OC)[C@H]3OC</chem>
Purity	$\geq 98.0\%$
Quality Level	100
Applications	An additive in liquid chromatography used to resolve enantiomers.
Storage	2-8°C

Safety Information

Personal Protective Equipment Eyeshields, Gloves, type N95 (US)



CD BioGlyco

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WGK Germany

WGK 3
