

Product Information

β-Cyclodextrin

Cat. No.: XGB0516

Size: 25 g; 100 g; 500 g

MDL: MFCD00078139

CAS Number: 7585-39-9

PubChem Substance ID: 24892722

Synonym: Caraway, Cycloheptaamylose, Cyclomaltoheptaose, Schardinger β-Dextrin, beta-Cyclodextrin

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

Product Information

Molecular Weight	1134.98
Empirical Formula	C42H70O35
InChI	1S/C42H70O35/c43-1-8-29-15(50)22(57)36(64-8)72-30-9(2-44)66-38(24(59)17(30)52)74-32-11(4-46)68-40(26(61)19(32)54)76-34-13(6-48)70-42(28(63)21(34)56)77-35-14(7-49)69-41(27(62)20(35)55)75-33-12(5-47)67-39(25(60)18(33)53)73-31-10(3-45)65-37(71-29)23(58)16(31)51/h8-63H,1-7H2/t8-,9-,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-/m1/s1
SMILES string	OC[C@H]1O[C@@H]2O[C@H]3[C@H](O)[C@@H](O)[C@H](O[C@@H]3CO)O[C@H]4[C@H](O)[C@@H](O)[C@H](O[C@@H]4CO)O[C@H]5[C@H](O)[C@@H](O)[C@H](O[C@@H]5CO)O[C@H]6[C@H](O)[C@@H](O)[C@H](O[C@@H]6CO)O[C@H]7[C@H](O)[C@@H](O)[C@H](O[C@@H]7CO)O[C@H]8[C@H](O)[C@@H](O)[C@H](O[C@@H]8CO)O[C@H]1[C@H](O)[C@H]2O
Biological Source	microbial
Form	powder
Purity	≥97%
Quality Level	200

Safety Information

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