CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

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Product Information

Hexakis (6-O-tertbutyl-dimethylsilyl)-α-cyclodextrin

Cat. No.: XGB0552

Size: 1 g

MDL: MFCD03452843

PubChem Substance ID: 329773234

NACRES: NA.25

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

Product Information

Molecular Weight	1658.41
Empirical Formula	C72H144O30Si6
InChI	1S/C72H144O30Si6/c1-67(2,3)103(19,20)85-31-37-55-43(73)49(79)61(91-37)98-56-38(32-86-104(21,22)68(4,5)6)93-63(51(81)45(56)75)100-58-40(34-88-106(25,26)70(10,11)12)95-65(53(83)47(58)77)102-60-42(36-90-108(29,30)72(16,17)18)96-66(54(84)48(60)78)101-59-41(35-89-107(27,28)71(13,14)15)94-64(52(82)46(59)76)99-57-39(33-87-105(23,24)69(7,8)9)92-62(97-55)50(80)44(57)74/h37-66,73-84H,31-36H2,1-30H3/t37-,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-,64-,65-,66-/m1/s1
SMILES string	CC(C)(C)[Si](C)(C)OC[C@H]1O[C@@H]2O[C@H]3[C@H](O)[C@@H](O)[C@H](O[C@@H]3CO[Si](C)(C)C(C)(C)C)O[C@H]4[C@H](O)[C@@H](O)[C@H](O[C@@H]4CO[Si](C)(C)C(C)(C)C)O[C@H]5[C@H](O)[C@@H](O)[C@H](O[C@@H]5CO[Si](C)(C)C(C)(C)C)O[C@H]6[C@H](O)[C@@H](O)[C@H](O[C@@H]6CO[Si](C)(C)C(C)(C)C)O[C@H]7[C@H](O)[C@@H](O)[C@H](O[C@@H]7CO[Si](C)(C)C(C)(C)C)O[C@H]1[C@H](O)[C@H]2O
Form	solid
Purity	>90%
Quality Level	200
Storage	2-8°C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3

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