



Product Information

Octakis (2,6-di-O-pentyl)- γ -cyclodextrin

Cat. No.: XGB0575

Size: 1 g

MDL: MFCD03453001

PubChem Substance ID: 329820323

NACRES: NA.25

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

Product Information

Molecular Weight	2419.25
Empirical Formula	C ₁₂₈ H ₂₄₀ O ₄₀
InChI	1S/C128H240O40/c1-17-33-49-65-137-81-89-105-97(129)113(145-73-57-41-25-9)121(153-89)162-106-90(82-138-66-50-34-18-2)155-123(115(98(106)130)147-75-59-43-27-11)164-108-92(84-140-68-52-36-20-4)157-125(117(100(108)132)149-77-61-45-29-13)166-110-94(86-142-70-54-38-22-6)159-127(119(102(110)134)151-79-63-47-31-15)168-112-96(88-144-72-56-40-24-8)160-128(120(104(112)136)152-80-64-48-32-16)167-111-95(87-143-71-55-39-23-7)158-126(118(103(111)135)150-78-62-46-30-14)165-109-93(85-141-69-53-37-21-5)156-124(116(101(109)133)148-76-60-44-28-12)163-107-91(83-139-67-51-35-19-3)154-122(161-105)114(99(107)131)146-74-58-42-26-10/h89-136H,17-88H2,1-16H3/t89-,90-,91-,92-,93-,94-,95-,96-,97+,98+,99+,100+,101+,102+,103+,104+,105-,106-,107-,108-,109-,110-,111-,112-,113-,114-,115-,116-,117-,118-,119-,120-,121-,122-,123-,124-,125-,126-,127-,128-/m1/s1
SMILES string	CCCCCOC[C@H]1O[C@@H]2O[C@H]3[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]3COCCCC)O[C@H]4[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]4COCCCC)O[C@H]5[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]5COCCCC)O[C@H]6[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]6COCCCC)O[C@H]7[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]7COCCCC)O[C@H]8[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]8COCCCC)O[C@H]9[C@H](O)[C@@H](OCCCC)[C@H](O[C@@H]9COCCCC)O[C@H]1[C@H](O)[C@H]2OCCCC
Biological Source	synthetic (organic)
Purity	>95%
Quality Level	200
Applications	For capillary electrophoresis
Storage	2-8°C



Safety Information

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