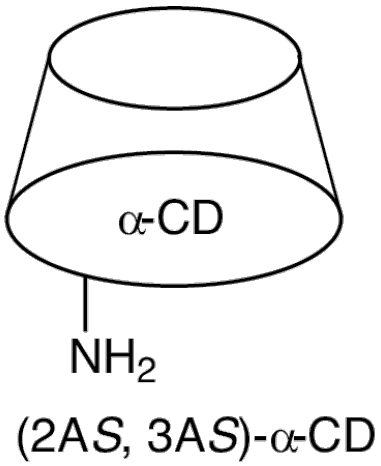
CD BioGlyco
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Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

3A-Amino-3A-deoxy-(2*aS*,3*aS*)-α-cyclodextrin



Cat. No.: X23-03-ZQ486

Size: 1 g; 5 g; 10 g

CAS Number: 121916-94-7

PubChem Substance ID: 87560430

PubChem CID: 44629921

Synonym: 121916-94-7;
(5*R*,10*R*,15*R*,20*R*,25*R*,30*R*,31*R*,32*R*,33*R*,34*R*,35*R*,36*R*,37*R*,38*R*,39*R*,40*R*,41*S*,42*S*)-41-Amino-5,10,15,20,25,30-hexakis(hydroxymethyl)-2,4,7,9,12,14,17,19,22,24,27,29-dodecaoxaheptacyclo[26.2.2.23,6.28,11.213,16.218,21.223,26]dotetracontane-31,32,33,34,35,36,37,38,39,40,42-undecol

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

Product Information

Molecular Weight	971.86
Molecular Formula	$C_{36}H_{61}NO_{29}$
InChI	InChI=1S/C36H61NO29/c37-13-14(44)31-55-7(1-38)25(13)61-32-20(50)15(45)27(9(3-40)56-32)63-34-22(52)17(47)29(11(5-42)58-34)65-36-24(54)19(49)30(12(6-43)60-36)66-35-23(53)18(48)28(10(4-41)59-35)64-33-21(51)16(46)26(62-31)8(2-39)57-33/h7-36,38-54H,1-6,37H2/t7-,8-,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?/m1/s1
InChI Key	TXBHONGFOHSVMN-LRGPBYCASA-N
Canonical SMILES	C(C1C2C(C(C(O1)OC3C(OC(C(C3O)O)OC4C(OC(C(C4O)O)OC5C(OC(C(C5O)O)OC6C(OC(C(C6O)O)OC7C(OC(O2)C(C7O)O)CO)CO)CO)CO)CO)O)N)O
Isomeric SMILES	C([C@@H]1C2[C@H]([C@@H](C(O1)OC3[C@H](OC([C@@H]([C@H]3O)O)OC4[C@H](OC([C@@H]([C@H]4O)O)OC5[C@H](OC([C@@H]([C@H]5O)O)OC6[C@H](OC([C@@H]([C@H]6O)O)OC7[C@H](OC(O2)[C@@H]([C@H]7O)O)CO)CO)CO)CO)CO)O)N)O
Form	White powder
Purity	>90.0%, determined by HPLC.
Applications	3A-Amino-3A-deoxy-(2*aS*,3*aS*)-α-cyclodextrin can be used for research in fields such as pharmaceuticals, cosmetics, agriculture and environmental engineering.
Storage	Store at -20°C.

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Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask

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