

2,2,4,4,6,8,10,12-octamethyl-6,8,10,12-tetra(2-cyanoethyl)-1,3,5,7,9,11,13,15-octasilsesquioxane

Inchi: InChI=1S/C20H40N4O6Si6/c1-31(2)25-32(3,4)27-34(6,18-10-14-22)29-36(8,20-12-16-24)33-35(11,19)37-38(13,21)39-40(15,23)41-42(17,25)43-44(19,27)45-46(21,29)47-48(23,31)49-50(25,33)51-52(27,35)53-54(29,37)55-56(31,39)57-58(33,41)59-60(35,43)61-62(37,45)63-64(39,47)65-66(41,49)67-68(43,51)69-70(45,53)71-72(47,55)73-74(49,57)75-76(51,59)77-78(53,61)79-80(55,63)81-82(57,65)83-84(59,67)85-86(61,69)87-88(63,71)89-90(65,73)91-92(67,75)93-94(69,77)95-96(71,79)97-98(73,81)99-100(75,83)101-102(77,85)103-104(79,87)105-106(81,89)107-108(83,91)109-110(85,93)111-112(87,95)113-114(89,97)115-116(91,99)117-118(93,101)119-120(95,103)121-122(97,105)123-124(99,107)125-126(101,109)127-128(103,111)129-130(105,113)131-132(107,115)133-134(109,117)135-136(111,119)137-138(113,121)139-140(115,123)141-142(117,125)143-144(119,127)145-146(121,129)147-148(123,131)149-150(125,133)151-152(127,135)153-154(129,137)155-156(131,139)157-158(133,141)159-160(135,143)161-162(137,145)163-164(139,147)165-166(141,149)167-168(143,151)169-170(145,153)171-172(147,155)173-174(149,157)175-176(151,159)177-178(153,161)179-180(155,163)181-182(157,165)183-184(159,167)185-186(161,169)187-188(163,171)189-190(165,173)191-192(167,175)193-194(169,177)195-196(171,179)197-198(173,181)199-200(175,183)201-202(177,185)203-204(179,187)205-206(181,189)207-208(183,191)209-210(185,193)211-212(187,195)213-214(189,197)215-216(191,199)217-218(193,201)219-220(195,203)221-222(197,205)223-224(199,207)225-226(201,209)227-228(203,211)229-230(205,213)231-232(207,215)233-234(209,217)235-236(211,219)237-238(213,221)239-240(215,223)241-242(217,225)243-244(219,227)245-246(221,229)247-248(223,231)249-250(225,233)251-252(227,235)253-254(229,237)255-256(231,239)257-258(233,241)259-260(235,243)261-262(237,245)263-264(239,247)265-266(241,249)267-268(243,251)269-270(245,253)271-272(247,255)273-274(249,257)275-276(251,259)277-278(253,261)279-280(255,263)281-282(257,265)283-284(259,267)285-286(261,269)287-288(263,271)289-290(265,273)291-292(267,275)293-294(269,277)295-296(271,279)297-298(273,281)299-300(275,283)301-302(277,285)303-304(279,287)305-306(281,289)307-308(283,291)309-310(285,293)311-312(287,295)313-314(289,297)315-316(291,299)317-318(293,301)319-320(295,303)321-322(297,305)323-324(299,307)325-326(301,309)327-328(303,311)329-330(305,313)331-332(307,315)333-334(309,317)335-336(311,319)337-338(313,321)339-340(315,323)341-342(317,325)343-344(319,327)345-346(321,329)347-348(323,331)349-350(325,333)351-352(327,335)353-354(329,337)355-356(331,339)357-358(333,341)359-360(335,343)361-362(337,345)363-364(339,347)365-366(341,349)367-368(343,351)369-370(345,353)371-372(347,355)373-374(349,357)375-376(351,359)377-378(353,361)379-380(355,363)381-382(357,365)383-384(359,367)385-386(361,369)387-388(363,371)389-390(365,373)391-392(367,375)393-394(369,377)395-396(371,379)397-398(373,381)399-400(375,383)401-402(377,385)403-404(379,387)405-406(381,389)407-408(383,391)409-410(385,393)411-412(387,395)413-414(389,397)415-416(391,399)417-418(393,401)419-420(395,403)421-422(397,405)423-424(399,407)425-426(401,409)427-428(403,411)429-430(405,413)431-432(407,415)433-434(409,417)435-436(411,419)437-438(413,421)439-440(415,423)441-442(417,425)443-444(419,427)445-446(421,429)447-448(423,431)449-450(425,433)451-452(427,435)453-454(429,437)455-456(431,439)457-458(433,441)459-460(435,443)461-462(437,445)463-464(439,447)465-466(441,449)467-468(443,451)469-470(445,453)471-472(447,455)473-474(449,457)475-476(451,459)477-478(453,461)479-480(455,463)481-482(457,465)483-484(459,467)485-486(461,469)487-488(463,471)489-490(465,473)491-492(467,475)493-494(469,477)495-496(471,479)497-498(473,481)499-500(475,483)501-502(477,485)503-504(479,487)505-506(481,489)507-508(483,491)509-510(485,493)511-512(487,495)513-514(489,497)515-516(491,499)517-518(493,501)519-520(495,503)521-522(497,505)523-524(499,507)525-526(501,509)527-528(503,511)529-530(505,513)531-532(507,515)533-534(509,517)535-536(511,519)537-538(513,521)539-540(515,523)541-542(517,525)543-544(519,527)545-546(521,529)547-548(523,531)549-550(525,533)551-552(527,535)553-554(529,537)555-556(531,539)557-558(533,541)559-560(535,543)561-562(537,545)563-564(539,547)565-566(541,549)567-568(543,551)569-570(545,553)571-572(547,555)573-574(549,557)575-576(551,559)577-578(553,561)579-580(555,563)581-582(557,565)583-584(559,567)585-586(561,569)587-588(563,571)589-590(565,573)591-592(567,575)593-594(569,577)595-596(571,579)597-598(573,581)599-600(575,583)601-602(577,585)603-604(579,587)605-606(581,589)607-608(583,591)609-610(585,593)611-612(587,595)613-614(589,597)615-616(591,599)617-618(593,601)619-620(595,603)621-622(597,605)623-624(601,607)625-626(603,609)627-628(605,611)629-630(607,613)631-632(609,615)633-634(611,617)635-636(613,619)637-638(615,621)639-640(617,623)641-642(619,625)643-644(621,627)645-646(623,629)647-648(625,631)649-650(627,633)651-652(629,635)653-654(631,637)655-656(633,639)657-658(635,641)659-660(637,643)661-662(639,645)663-664(641,647)665-666(643,649)667-668(645,651)669-670(647,653)671-672(649,655)673-674(651,657)675-676(653,659)677-678(655,661)679-680(657,663)681-682(659,665)683-684(661,667)685-686(663,669)687-688(665,671)689-690(667,673)691-692(669,675)693-694(671,677)695-696(673,679)697-698(675,681)699-700(677,683)701-702(679,685)703-704(681,687)705-706(683,689)707-708(685,691)709-710(687,693)711-712(689,695)713-714(691,697)715-716(693,699)717-718(695,701)719-720(697,703)721-722(699,705)723-724(701,707)725-726(703,709)727-728(705,711)729-730(707,713)731-732(709,715)733-734(711,717)735-736(713,719)737-738(715,721)739-740(717,723)741-742(719,725)743-744(721,727)745-746(723,729)747-748(725,731)749-750(727,733)751-752(729,735)753-754(731,737)755-756(733,739)757-758(735,741)759-760(737,743)761-762(739,745)763-764(741,747)765-766(743,749)767-768(745,751)769-770(747,753)771-772(749,755)773-774(751,757)775-776(753,759)777-778(755,761)779-780(757,763)781-782(759,765)783-784(761,767)785-786(763,769)787-788(765,771)789-790(767,773)791-792(769,775)793-794(771,777)795-796(773,779)797-798(775,781)799-800(777,783)801-802(779,785)803-804(781,787)805-806(783,789)807-808(785,791)809-810(787,793)811-812(789,795)813-814(791,797)815-816(793,799)817-818(795,801)819-820(797,803)821-822(801,805)823-824(803,807)825-826(805,809)827-828(807,811)829-830(809,813)831-832(811,815)833-834(813,817)835-836(815,819)837-838(817,821)839-840(819,823)841-842(821,825)843-844(823,827)845-846(825,829)847-848(827,831)849-850(829,833)851-852(831,835)853-854(833,837)855-856(835,839)857-858(837,841)859-860(839,843)861-862(841,845)863-864(843,847)865-866(845,849)867-868(847,851)869-870(849,853)871-872(851,855)873-874(853,857)875-876(855,859)877-878(857,861)879-880(859,863)881-882(861,865)883-884(863,867)885-886(865,869)887-888(867,871)889-890(869,873)891-892(871,875)893-894(873,877)895-896(875,879)897-898(877,881)899-900(879,883)901-902(881,885)903-904(883,887)905-906(885,889)907-908(887,891)909-910(889,893)911-912(891,895)913-914(893,897)915-916(895,899)917-918(897,901)919-920(899,903)921-922(901,905)923-924(903,907)925-926(905,909)927-928(907,911)929-930(909,913)931-932(911,915)933-934(913,917)935-936(915,919)937-938(917,921)939-940(919,923)941-942(921,925)943-944(923,927)945-946(925,929)947-948(927,931)949-950(929,933)951-952(931,935)953-954(933,937)955-956(935,939)957-958(937,941)959-960(939,943)961-962(941,945)963-964(943,947)965-966(945,949)967-968(947,951)969-970(949,953)971-972(951,955)973-974(953,957)975-976(955,959)977-978(957,961)979-980(959,963)981-982(961,965)983-984(963,967)985-986(965,969)987-988(967,971)989-990(969,973)991-992(971,975)993-994(973,977)995-996(975,979)997-998(977,981)999-1000(979,983)1001-1002(981,985)1003-1004(983,987)1005-1006(985,989)1007-1008(987,991)1009-1010(989,993)1011-1012(991,995)1013-1014(993,997)1015-1016(995,999)1017-1018(997,1001)1019-1020(999,1003)1021-1022(1001,1005)1023-1024(1003,1007)1025-1026(1005,1009)1027-1028(1007,1011)1029-1030(1009,1013)1031-1032(1011,1015)1033-1034(1013,1017)1035-1036(1015,1019)1037-1038(1017,1021)1039-1040(1019,1023)1041-1042(1021,1025)1043-1044(1023,1027)1045-1046(1025,1029)1047-1048(1027,1031)1049-1050(1029,1033)1051-1052(1031,1035)1053-1054(1033,1037)1055-1056(1035,1039)1057-1058(1037,1041)1059-1060(1039,1043)1061-1062(1041,1045)1063-1064(1043,1047)1065-1066(1045,1049)1067-1068(1047,1051)1069-1070(1049,1053)1071-1072(1051,1055)1073-1074(1053,1057)1075-1076(1055,1059)1077-1078(1057,1061)1079-1080(1059,1063)1081-1082(1061,1065)1083-1084(1063,1067)1085-1086(1065,1069)1087-1088(1067,1071)1089-1090(1069,1073)1091-1092(1071,1075)1093-1094(1073,1077)1095-1096(1075,1079)1097-1098(1077,1081)1099-1100(1079,1083)1101-1102(1081,1085)1103-1104(1083,1087)1105-1106(1085,1089)1107-1108(1087,1091)1109-1110(1089,1093)1111-1112(1091,1095)1113-1114(1093,1097)1115-1116(1095,1099)1117-1118(1097,1101)1119-1120(1099,1103)1121-1122(1101,1105)1123-1124(1103,1107)1125-1126(1105,1109)1127-1128(1107,1111)1129-1130(1109,1113)1131-1132(1111,1115)1133-1134(1113,1117)1135-1136(1115,1119)1137-1138(1117,1121)1139-1140(1119,1123)1141-1142(1121,1125)1143-1144(1123,1127)1145-1146(1125,1129)1147-1148(1127,1131)1149-1150(1129,1133)1151-1152(1131,1135)1153-1154(1133,1137)1155-1156(1135,1139)1157-1158(1137,1141)1159-1160(1139,1143)1161-1162(1141,1145)1163-1164(1143,1147)1165-1166(1145,1149)1167-1168(1147,1151)1169-1170(1149,1153)1171-1172(1151,1155)1173-1174(1153,1157)1175-1176(1155,1159)1177-1178(1157,1161)1179-1180(1159,1163)1181-1182(1161,1165)1183-1184(1163,1167)1185-1186(1165,1169)1187-1188(1167,1171)1189-1190(1169,1173)1191-1192(1171,1175)1193-1194(1173,1177)1195-1196(1175,1179)1197-1198(1177,1181)1199-1200(1179,1183)1201-1202(1181,1185)1203-1204(1183,1187)1205-1206(1185,1189)1207-1208(1187,1191)1209-1210(1189,1193)1211-1212(1191,1195)1213-1214(1193,1197)1215-1216(1195,1199)1217-1218(1197,1201)1219-1220(1199,1203)1221-1222(1201,1205)1223-1224(1203,1207)1225-1226(1205,1209)1227-1228(1207,1211)1229-1230(1209,1213)1231-1232(1211,1215)1233-1234(1213,1217)1235-1236(1215,1219)1237-1238(1217,1221)1239-1240(1219,1223)1241-1242(1221,1225)1243-1244(1223,1227)1245-1246(1225,1229)1247-1248(1227,1231)1249-1250(1229,1233)1251-1252(1231,1235)1253-1254(1233,1237)1255-1256(1235,1239)1257-1258(1237,1241)1259-1260(1239,1243)1261-1262(1241,1245)1263-1264(1243,1247)1265-1266(1245,1249)1267-1268(1247,1251)1269-1270(1249,1253)1271-1272(1251,1255)1273-1274(1253,1257)1275-1276(1255,1259)1277-1278(1257,1261)1279-1280(1259,1263)1281-1282(1261,1265)1283-1284(1263,1267)1285-1286(1265,1269)1287-1288(1267,1271)1289-1290(1269,1273)1291-1292(1271,1275)1293-1294(1273,1277)1295-1296(1275,1279)1297-1298(1277,1281)1299-1300(1279,1283)1301-1302(1281,1285)1303-1304(1283,1287)1305-1306(1285,1289)1307-1308(1287,1291)1309-1310(1289,1293)1311-1312(1291,1295)1313-1314(1293,1297)1315-1316(1295,1299)1317-1318(1297,1301)1319-1320(1299,1303)1321-1322(1301,1305)1323-1324(1303,1307)1325-1326(1305,1309)1327-1328(1307,1311)1329-1330(1309,1313)1331-1332(1311,1315)1333-1334(1313,1317)1335-1336(1315,1319)1337-1338(1317,1321)1339-1340(1319,1323)1341-1342(1321,1325)1343-1344(1323,1327)1345-1346(1325,1329)1347-1348(1327,1331)1349-1350(1329,1333)1351-1352(1331,1335)1353-1354(1333,1337)1355-1356(1335,1339)1357-1358(1337,1341)1359-1360(1339,1343)1361-1362(1341,1345)1363-1364(1343,1347)1365-1366(1345,1349)1367-1368(1347,1351)1369-1370(1349,1353)1371-1372(1351,1355)1373-1374(1353,1357)1375-1376(1355,1359)1377-1378(1357,1361)1379-1380(1359,1363)1381-1382(1361,1365)1383-1384(1363,1367)1385-1386(1365,1369)1387-1388(1367,1371)1389-1390(1369,1373)1391-1392(1371,1375)1393-1394(1373,1377)1395-1396(1375,1379)1397-1398(1377,1381)1399-1400(1379,1383)1401-1402(1381,1385)1403-1404(1383,1387)1405-1406(1385,1389)1407-1408(1387,1391)1409-1410(1389,1393)1411-1412(1391,1395)1413-1414(1393,1397)1415-1416(1395,1399)1417-1418(1397,1401)1419-1420(1399,1403)1421-1422(1401,1405)1423-1424(1403,1407)1425-1426(1405,1409)1427-1428(1407,1411)1429-1430(1409,1413)1431-1432(1411,1415)1433-1434(1413,1417)1435-1436(1415,1419)1437-1438(1417,1421)1439-1440(1419,1423)1441-1442(1421,1425)1443-1444(1423,1427)1445-1446(1425,1429)1447-1448(1427,1431)1449-1450(1429,1433)1451-1452(1431,1435)1453-1454(1433,1437)1455-1456(1435,1439)1457-1458(1437,1441)1459-1460(1439,1443)1461-1462(144