

# 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)-1,3,5-trimethylcyclotrisiloxane

**Other names:** 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane  
1,3,5-tris(3,3,3-trifluoropropyl)-1,3,5-trimethylcyclotrisiloxane

**Inchi:** InChI=1S/C12H21F9O3Si3/c1-25(7-4-10(13,14)15)22-26(2,8-5-11(16,17)18)24-27(3,23-25)28-29(12,13)30-31(9,10)32-33(6,7)34-35(11,12)36-37(14,15)38-39(16,17)40-41(18,19)42-43(20,21)44-45(22,23)46-47(24,25)48-49(26,27)50-51(28,29)52-53(30,31)54-55(32,33)56-57(34,35)58-59(36,37)60-61(38,39)62-63(40,41)64-65(42,43)66-67(44,45)68-69(46,47)70-71(48,49)72-73(50,51)74-75(52,53)76-77(54,55)78-79(56,57)80-81(58,59)82-83(60,61)84-85(62,63)86-87(64,65)88-89(66,67)90-91(68,69)92-93(70,71)94-95(72,73)96-97(74,75)98-99(76,77)100-101(78,79)102-103(80,81)104-105(82,83)106-107(84,85)108-109(86,87)110-111(88,89)112-113(90,91)114-115(92,93)116-117(94,95)118-119(96,97)120-121(98,99)122-123(100,101)124-125(102,103)126-127(104,105)128-129(106,107)130-131(108,109)132-133(110,111)134-135(112,113)136-137(114,115)138-139(116,117)140-141(118,119)142-143(120,121)144-145(122,123)146-147(124,125)148-149(126,127)150-151(128,129)152-153(130,131)154-155(132,133)156-157(134,135)158-159(136,137)160-161(138,139)162-163(140,141)164-165(142,143)166-167(144,145)168-169(146,147)170-171(148,149)172-173(150,151)174-175(152,153)176-177(154,155)178-179(156,157)180-181(158,159)182-183(160,161)184-185(162,163)186-187(164,165)188-189(166,167)190-191(168,169)192-193(170,171)194-195(172,173)196-197(174,175)198-199(176,177)200-201(178,179)202-203(180,181)204-205(182,183)206-207(184,185)208-209(186,187)210-211(188,189)212-213(190,191)214-215(192,193)216-217(194,195)218-219(196,197)220-221(198,199)222-223(200,201)224-225(202,203)226-227(204,205)228-229(206,207)230-231(208,209)232-233(210,211)234-235(212,213)236-237(214,215)238-239(216,217)240-241(218,219)242-243(220,221)244-245(222,223)246-247(224,225)248-249(226,227)250-251(228,229)252-253(230,231)254-255(232,233)256-257(234,235)258-259(236,237)260-261(238,239)262-263(240,241)264-265(242,243)266-267(244,245)268-269(246,247)270-271(248,249)272-273(250,251)274-275(252,253)276-277(254,255)278-279(256,257)280-281(258,259)282-283(260,261)284-285(262,263)286-287(264,265)288-289(266,267)290-291(268,269)292-293(270,271)294-295(272,273)296-297(274,275)298-299(276,277)300-301(278,279)302-303(280,281)304-305(282,283)306-307(284,285)308-309(286,287)310-311(288,289)312-313(290,291)314-315(292,293)316-317(294,295)318-319(296,297)320-321(298,299)322-323(300,301)324-325(302,303)326-327(304,305)328-329(306,307)330-331(308,309)332-333(310,311)334-335(312,313)336-337(314,315)338-339(316,317)340-341(318,319)342-343(320,321)344-345(322,323)346-347(324,325)348-349(326,327)350-351(328,329)352-353(330,331)354-355(332,333)356-357(334,335)358-359(336,337)360-361(338,339)362-363(340,341)364-365(342,343)366-367(344,345)368-369(346,347)370-371(348,349)372-373(350,351)374-375(352,353)376-377(354,355)378-379(356,357)380-381(358,359)382-383(360,361)384-385(362,363)386-387(364,365)388-389(366,367)390-391(368,369)392-393(370,371)394-395(372,373)396-397(374,375)398-399(376,377)400-401(378,379)402-403(380,381)404-405(382,383)406-407(384,385)408-409(386,387)410-411(388,389)412-413(390,391)414-415(392,393)416-417(394,395)418-419(396,397)420-421(398,399)422-423(400,401)424-425(402,403)426-427(404,405)428-429(406,407)430-431(408,409)432-433(410,411)434-435(412,413)436-437(414,415)438-439(416,417)440-441(418,419)442-443(420,421)444-445(422,423)446-447(424,425)448-449(426,427)450-451(428,429)452-453(430,431)454-455(432,433)456-457(434,435)458-459(436,437)460-461(438,439)462-463(440,441)464-465(442,443)466-467(444,445)468-469(446,447)470-471(448,449)472-473(450,451)474-475(452,453)476-477(454,455)478-479(456,457)480-481(458,459)482-483(460,461)484-485(462,463)486-487(464,465)488-489(466,467)490-491(468,469)492-493(470,471)494-495(472,473)496-497(474,475)498-499(476,477)500-501(478,479)502-503(480,481)504-505(482,483)506-507(484,485)508-509(486,487)510-511(488,489)512-513(490,491)514-515(492,493)516-517(494,495)518-519(496,497)520-521(498,499)522-523(500,501)524-525(502,503)526-527(504,505)528-529(506,507)530-531(508,509)532-533(510,511)534-535(512,513)536-537(514,515)538-539(516,517)540-541(518,519)542-543(520,521)544-545(522,523)546-547(524,525)548-549(526,527)550-551(528,529)552-553(530,531)554-555(532,533)556-557(534,535)558-559(536,537)560-561(538,539)562-563(540,541)564-565(542,543)566-567(544,545)568-569(546,547)570-571(548,549)572-573(550,551)574-575(552,553)576-577(554,555)578-579(556,557)580-581(558,559)582-583(560,561)584-585(562,563)586-587(564,565)588-589(566,567)590-591(568,569)592-593(570,571)594-595(572,573)596-597(574,575)598-599(576,577)600-601(578,579)602-603(580,581)604-605(582,583)606-607(584,585)608-609(586,587)610-611(588,589)612-613(590,591)614-615(592,593)616-617(594,595)618-619(596,597)620-621(598,599)622-623(600,601)624-625(602,603)626-627(604,605)628-629(606,607)630-631(608,609)632-633(610,611)634-635(612,613)636-637(614,615)638-639(616,617)640-641(618,619)642-643(620,621)644-645(622,623)646-647(624,625)648-649(626,627)650-651(628,629)652-653(630,631)654-655(632,633)656-657(634,635)658-659(636,637)660-661(638,639)662-663(640,641)664-665(642,643)666-667(644,645)668-669(646,647)670-671(648,649)672-673(650,651)674-675(652,653)676-677(654,655)678-679(656,657)680-681(658,659)682-683(660,661)684-685(662,663)686-687(664,665)688-689(666,667)690-691(668,669)692-693(670,671)694-695(672,673)696-697(674,675)698-699(676,677)700-701(678,679)702-703(680,681)704-705(682,683)706-707(684,685)708-709(686,687)710-711(688,689)712-713(690,691)714-715(692,693)716-717(694,695)718-719(696,697)720-721(698,699)722-723(700,701)724-725(702,703)726-727(704,705)728-729(706,707)730-731(708,709)732-733(710,711)734-735(712,713)736-737(714,715)738-739(716,717)740-741(718,719)742-743(720,721)744-745(722,723)746-747(724,725)748-749(726,727)750-751(728,729)752-753(730,731)754-755(732,733)756-757(734,735)758-759(736,737)760-761(738,739)762-763(740,741)764-765(742,743)766-767(744,745)768-769(746,747)770-771(748,749)772-773(750,751)774-775(752,753)776-777(754,755)778-779(756,757)780-781(758,759)782-783(760,761)784-785(762,763)786-787(764,765)788-789(766,767)790-791(768,769)792-793(770,771)794-795(772,773)796-797(774,775)798-799(776,777)800-801(778,779)802-803(780,781)804-805(782,783)806-807(784,785)808-809(786,787)810-811(788,789)812-813(790,791)814-815(792,793)816-817(794,795)818-819(796,797)820-821(798,799)822-823(800,801)824-825(802,803)826-827(804,805)828-829(806,807)830-831(808,809)832-833(810,811)834-835(812,813)836-837(814,815)838-839(816,817)840-841(818,819)842-843(820,821)844-845(822,823)846-847(824,825)848-849(826,827)850-851(828,829)852-853(830,831)854-855(832,833)856-857(834,835)858-859(836,837)860-861(838,839)862-863(840,841)864-865(842,843)866-867(844,845)868-869(846,847)870-871(848,849)872-873(850,851)874-875(852,853)876-877(854,855)878-879(856,857)880-881(858,859)882-883(860,861)884-885(862,863)886-887(864,865)888-889(866,867)890-891(868,869)892-893(870,871)894-895(872,873)896-897(874,875)898-899(876,877)900-901(878,879)902-903(880,881)904-905(882,883)906-907(884,885)908-909(886,887)910-911(888,889)912-913(890,891)914-915(892,893)916-917(894,895)918-919(896,897)920-921(898,899)922-923(900,901)924-925(902,903)926-927(904,905)928-929(906,907)930-931(908,909)932-933(910,911)934-935(912,913)936-937(914,915)938-939(916,917)940-941(918,919)942-943(920,921)944-945(922,923)946-947(924,925)948-949(926,927)950-951(928,929)952-953(930,931)954-955(932,933)956-957(934,935)958-959(936,937)960-961(938,939)962-963(940,941)964-965(942,943)966-967(944,945)968-969(946,947)970-971(948,949)972-973(950,951)974-975(952,953)976-977(954,955)978-979(956,957)980-981(958,959)982-983(960,961)984-985(962,963)986-987(964,965)988-989(966,967)990-991(968,969)992-993(970,971)994-995(972,973)996-997(974,975)998-999(976,977)1000-1001(978,979)1002-1003(980,981)1004-1005(982,983)1006-1007(984,985)1008-1009(986,987)1010-1011(988,989)1012-1013(990,991)1014-1015(992,993)1016-1017(994,995)1018-1019(996,997)1020-1021(998,999)1022-1023(1000,1001)1024-1025(1002,1003)1026-1027(1004,1005)1028-1029(1006,1007)1030-1031(1008,1009)1032-1033(1010,1011)1034-1035(1012,1013)1036-1037(1014,1015)1038-1039(1016,1017)1040-1041(1018,1019)1042-1043(1020,1021)1044-1045(1022,1023)1046-1047(1024,1025)1048-1049(1026,1027)1050-1051(1028,1029)1052-1053(1030,1031)1054-1055(1032,1033)1056-1057(1034,1035)1058-1059(1036,1037)1060-1061(1038,1039)1062-1063(1040,1041)1064-1065(1042,1043)1066-1067(1044,1045)1068-1069(1046,1047)1070-1071(1048,1049)1072-1073(1050,1051)1074-1075(1052,1053)1076-1077(1054,1055)1078-1079(1056,1057)1080-1081(1058,1059)1082-1083(1060,1061)1084-1085(1062,1063)1086-1087(1064,1065)1088-1089(1066,1067)1090-1091(1068,1069)1092-1093(1070,1071)1094-1095(1072,1073)1096-1097(1074,1075)1098-1099(1076,1077)1100-1101(1078,1079)1102-1103(1080,1081)1104-1105(1082,1083)1106-1107(1084,1085)1108-1109(1086,1087)1110-1111(1088,1089)1112-1113(1090,1091)1114-1115(1092,1093)1116-1117(1094,1095)1118-1119(1096,1097)1120-1121(1098,1099)1122-1123(1100,1101)1124-1125(1102,1103)1126-1127(1104,1105)1128-1129(1106,1107)1130-1131(1108,1109)1132-1133(1110,1111)1134-1135(1112,1113)1136-1137(1114,1115)1138-1139(1116,1117)1140-1141(1118,1119)1142-1143(1120,1121)1144-1145(1122,1123)1146-1147(1124,1125)1148-1149(1126,1127)1150-1151(1128,1129)1152-1153(1130,1131)1154-1155(1132,1133)1156-1157(1134,1135)1158-1159(1136,1137)1160-1161(1138,1139)1162-1163(1140,1141)1164-1165(1142,1143)1166-1167(1144,1145)1168-1169(1146,1147)1170-1171(1148,1149)1172-1173(1150,1151)1174-1175(1152,1153)1176-1177(1154,1155)1178-1179(1156,1157)1180-1181(1158,1159)1182-1183(1160,1161)1184-1185(1162,1163)1186-1187(1164,1165)1188-1189(1166,1167)1190-1191(1168,1169)1192-1193(1170,1171)1194-1195(1172,1173)1196-1197(1174,1175)1198-1199(1176,1177)1200-1201(1178,1179)1202-1203(1180,1181)1204-1205(1182,1183)1206-1207(1184,1185)1208-1209(1186,1187)1210-1211(1188,1189)1212-1213(1190,1191)1214-1215(1192,1193)1216-1217(1194,1195)1218-1219(1196,1197)1220-1221(1198,1199)1222-1223(1200,1201)1224-1225(1202,1203)1226-1227(1204,1205)1228-1229(1206,1207)1230-1231(1208,1209)1232-1233(1210,1211)1234-1235(1212,1213)1236-1237(1214,1215)1238-1239(1216,1217)1240-1241(1218,1219)1242-1243(1220,1221)1244-1245(1222,1223)1246-1247(1224,1225)1248-1249(1226,1227)1250-1251(1228,1229)1252-1253(1230,1231)1254-1255(1232,1233)1256-1257(1234,1235)1258-1259(1236,1237)1260-1261(1238,1239)1262-1263(1240,1241)1264-1265(1242,1243)1266-1267(1244,1245)1268-1269(1246,1247)1270-1271(1248,1249)1272-1273(1250,1251)1274-1275(1252,1253)1276-1277(1254,1255)1278-1279(1256,1257)1280-1281(1258,1259)1282-1283(1260,1261)1284-1285(1262,1263)1286-1287(1264,1265)1288-1289(1266,1267)1290-1291(1268,1269)1292-1293(1270,1271)1294-1295(1272,1273)1296-1297(1274,1275)1298-1299(1276,1277)1300-1301(1278,1279)1302-1303(1280,1281)1304-1305(1282,1283)1306-1307(1284,1285)1308-1309(1286,1287)1310-1311(1288,1289)1312-1313(1290,1291)1314-1315(1292,1293)1316-1317(1294,1295)1318-1319(1296,1297)1320-1321(1298,1299)1322-1323(1300,1301)1324-1325(1302,1303)1326-1327(1304,1305)1328-1329(1306,1307)1330-1331(1308,1309)1332-1333(1310,1311)1334-1335(1312,1313)1336-1337(1314,1315)1338-1339(1316,1317)1340-1341(1318,1319)1342-1343(1320,1321)1344-1345(1322,1323)1346-1347(1324,1325)1348-1349(1326,1327)1350-1351(1328,1329)1352-1353(1330,1331)1354-1355(1332,1333)1356-1357(1334,1335)1358-1359(1336,1337)1360-1361(1338,1339)1362-1363(1340,1341)1364-1365(1342,1343)1366-1367(1344,1345)1368-1369(1346,1347)1370-1371(1348,1349)1372-1373(1350,1351)1374-1375(1352,1353)1376-1377(1354,1355)1378-1379(1356,1357)1380-1381(1358,1359)1382-1383(1360,1361)1384-1385(1362,1363)1386-1387(1364,1365)1388-1389(1366,1367)1390-1391(1368,1369)1392-1393(1370,1371)1394-1395(1372,1373)1396-1397(1374,1375)1398-1399(1376,1377)1400-1401(1378,1379)1402-1403(1380,1381)1404-1405(1382,1383)1406-1407(1384,1385)1408-1409(1386,1387)1410-1411(1388,1389)1412-1413(1390,1391)1414-1415(1392,1393)1416-1417(1394,1395)1418-1419(1396,1397)1420-1421(1398,1399)1422-1423(1400,1401)1424-1425(1402,1403)1426-1427(1404,1405)1428-1429(1406,1407)1430-1431(1408,1409)1432-1433(1410,1411)1434-1435(1412,1413)1436-1437(1414,1415)1438-1439(1416,1417)1440-1441(1418,1419)1442-1443(1420,1421)1444-1445(1422,1423)1446-1447(1424,1425)1448-1449(1426,1427)1450-1451(1428,1429)14

rfi	1.35609	318.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rfi	1.35808	313.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rfi	1.36011	308.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rfi	1.35211	328.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures
rfi	1.35410	323.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures
rfi	1.35616	318.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures
rfi	1.35816	313.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures

rfi	1.35608		318.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rhoI	1216.99	kg/m3	323.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rhoI	1223.55	kg/m3	318.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rhoI	1230.05	kg/m3	313.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rhoI	1236.63	kg/m3	308.15	The physicochemical properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various aromatic hydrocarbons at T = (308.15 to 323.15) K
rhoI	1210.19	kg/m3	328.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures
rhoI	1216.77	kg/m3	323.15	The mixing properties of 1,3,5-trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)cyclotrisiloxane with various organosilicon compounds at different temperatures

