

Succinic acid, dec-2-yl 3-methylbut-2-yl ester

Inchi: InChI=1S/C19H36O4/c1-6-7-8-9-10-11-12-16(4)22-18(20)13-14-19(21)23-17(5)15(2)3/h1-5,11-15,17-21,23-24,26-27,29-30,32-33,35-36,38-39,41-42,44-45,47-48,50-51,53-54,56-57,59-60,62-63,65-66,68-69,71-72,74-75,77-78,80-81,83-84,86-87,89-90,92-93,95-96,98-99,101-102,104-105,107-108,110-111,113-114,116-117,119-120,122-123,125-126,128-129,131-132,134-135,137-138,140-141,143-144,146-147,149-150,152-153,155-156,158-159,161-162,164-165,167-168,170-171,173-174,176-177,179-180,182-183,185-186,188-189,191-192,194-195,197-198,200-201,203-204,206-207,209-210,212-213,215-216,218-219,221-222,224-225,227-228,230-231,233-234,236-237,239-240,242-243,245-246,248-249,251-252,254-255,257-258,260-261,263-264,266-267,269-270,272-273,275-276,278-279,281-282,284-285,287-288,290-291,293-294,296-297,299-300,302-303,305-306,308-309,311-312,314-315,317-318,320-321,323-324,326-327,329-330,332-333,335-336,338-339,341-342,344-345,347-348,350-351,353-354,356-357,359-360,362-363,365-366,368-369,371-372,374-375,377-378,380-381,383-384,386-387,389-390,392-393,395-396,398-399,401-402,404-405,407-408,410-411,413-414,416-417,419-420,422-423,425-426,428-429,431-432,434-435,437-438,440-441,443-444,446-447,449-450,452-453,455-456,458-459,461-462,464-465,467-468,470-471,473-474,476-477,479-480,482-483,485-486,488-489,491-492,494-495,497-498,500-501,503-504,506-507,509-510,512-513,515-516,518-519,521-522,524-525,527-528,530-531,533-534,536-537,539-540,542-543,545-546,548-549,551-552,554-555,557-558,560-561,563-564,566-567,569-570,572-573,575-576,578-579,581-582,584-585,587-588,590-591,593-594,596-597,599-600,602-603,605-606,608-609,611-612,614-615,617-618,620-621,623-624,626-627,629-630,632-633,635-636,638-639,641-642,644-645,647-648,650-651,653-654,656-657,659-660,662-663,665-666,668-669,671-672,674-675,677-678,680-681,683-684,686-687,689-690,692-693,695-696,698-699,700-701,703-704,706-707,709-710,712-713,715-716,718-719,721-722,724-725,727-728,730-731,733-734,736-737,739-740,742-743,745-746,748-749,751-752,754-755,757-758,760-761,763-764,766-767,769-770,772-773,775-776,778-779,781-782,784-785,787-788,790-791,793-794,796-797,799-800,802-803,805-806,808-809,811-812,814-815,817-818,820-821,823-824,826-827,829-830,832-833,835-836,838-839,841-842,844-845,847-848,850-851,853-854,856-857,859-860,862-863,865-866,868-869,871-872,874-875,877-878,880-881,883-884,886-887,889-890,892-893,895-896,898-899,900-901,903-904,906-907,909-910,912-913,915-916,918-919,921-922,924-925,927-928,930-931,933-934,936-937,939-940,942-943,945-946,948-949,951-952,954-955,957-958,960-961,963-964,966-967,969-970,972-973,975-976,978-979,981-982,984-985,987-988,990-991,993-994,996-997,999-1000,1002-1003,1005-1006,1008-1009,1011-1012,1014-1015,1017-1018,1020-1021,1023-1024,1026-1027,1029-1030,1032-1033,1035-1036,1038-1039,1041-1042,1044-1045,1047-1048,1050-1051,1053-1054,1056-1057,1059-1060,1062-1063,1065-1066,1068-1069,1071-1072,1074-1075,1077-1078,1080-1081,1083-1084,1086-1087,1089-1090,1092-1093,1095-1096,1098-1099,1100-1101,1103-1104,1106-1107,1109-1110,1112-1113,1115-1116,1118-1119,1121-1122,1124-1125,1127-1128,1130-1131,1133-1134,1136-1137,1139-1140,1142-1143,1145-1146,1148-1149,1151-1152,1154-1155,1157-1158,1160-1161,1163-1164,1166-1167,1169-1170,1172-1173,1175-1176,1178-1179,1181-1182,1184-1185,1187-1188,1190-1191,1193-1194,1196-1197,1199-1200,1202-1203,1205-1206,1208-1209,1211-1212,1214-1215,1217-1218,1220-1221,1223-1224,1226-1227,1229-1230,1232-1233,1235-1236,1238-1239,1241-1242,1244-1245,1247-1248,1250-1251,1253-1254,1256-1257,1259-1260,1262-1263,1265-1266,1268-1269,1271-1272,1274-1275,1277-1278,1280-1281,1283-1284,1286-1287,1289-1290,1292-1293,1295-1296,1298-1299,1300-1301,1303-1304,1306-1307,1309-1310,1312-1313,1315-1316,1318-1319,1321-1322,1324-1325,1327-1328,1330-1331,1333-1334,1336-1337,1339-1340,1342-1343,1345-1346,1348-1349,1351-1352,1354-1355,1357-1358,1360-1361,1363-1364,1366-1367,1369-1370,1372-1373,1375-1376,1378-1379,1381-1382,1384-1385,1387-1388,1390-1391,1393-1394,1396-1397,1399-1400,1402-1403,1405-1406,1408-1409,1411-1412,1414-1415,1417-1418,1420-1421,1423-1424,1426-1427,1429-1430,1432-1433,1435-1436,1438-1439,1441-1442,1444-1445,1447-1448,1450-1451,1453-1454,1456-1457,1459-1460,1462-1463,1465-1466,1468-1469,1471-1472,1474-1475,1477-1478,1480-1481,1483-1484,1486-1487,1489-1490,1492-1493,1495-1496,1498-1499,1500-1501,1503-1504,1506-1507,1509-1510,1512-1513,1515-1516,1518-1519,1521-1522,1524-1525,1527-1528,1529-1530,1532-1533,1534-1535,1537-1538,1540-1541,1543-1544,1546-1547,1549-1550,1552-1553,1555-1556,1558-1559,1561-1562,1564-1565,1567-1568,1570-1571,1573-1574,1576-1577,1579-1580,1582-1583,1585-1586,1588-1589,1591-1592,1594-1595,1597-1598,1600-1601,1603-1604,1606-1607,1609-1610,1612-1613,1615-1616,1618-1619,1621-1622,1624-1625,1627-1628,1630-1631,1633-1634,1636-1637,1639-1640,1642-1643,1645-1646,1648-1649,1651-1652,1654-1655,1657-1658,1660-1661,1663-1664,1666-1667,1669-1670,1672-1673,1675-1676,1678-1679,1681-1682,1684-1685,1687-1688,1690-1691,1693-1694,1696-1697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dvisc	0.0006190	Paxs	466.90	Joback Method
dvisc	0.0002900	Paxs	530.60	Joback Method
dvisc	0.0001598	Paxs	594.29	Joback Method
dvisc	0.0000989	Paxs	657.99	Joback Method
dvisc	0.0000666	Paxs	721.68	Joback Method
dvisc	0.0000478	Paxs	785.38	Joback Method

Sources

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McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U390587&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

cpg:	Ideal gas heat capacity
dvisc:	Dynamic viscosity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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