

trans-Linalool oxide (furanoid)

Other names:

2-Furanmethanol, 5-ethenyltetrahydro-«alpha», «alpha»,5-trimethyl-, trans-trans-5-Ethenyltetrahydro-«alpha», «alpha»,5-trimethyl-2-furanmethanol
2-(5-Methyl-5-vinyltetrahydro-2-furanyl)-2-propanol, trans-
(E)-Furan linalool oxide
E-Furanoid linalool oxide
(E)-Linalool furanoxide
(E)-Linalool oxide A
E-Linalool oxide (furan)
(E)-Linalool oxide, furanoid
Linalool oxide A (trans-THF)
Linalool oxide II (trans, furanoid)
Linalool oxide, trans-furanoid
Linalool oxide (trans-THF)
t-Furan linalool oxide
trans-Furanic linalool oxid
trans-Furanic linalool oxide
trans-Furan linalool oxide
trans-Linalool furanoid oxide
trans-Linalool furanoxide
trans-Linalool oxide
trans-Linalool oxide (f)
trans-Linalool oxide furan
trans-Linalool oxide (furanoid form)
trans-Linalool oxide (furan type)
trans-Linalool oxide (furanyl ring)
trans-Linalool oxide (THF)
2-Furanmethanol, 5-ethenyltetrahydro-«alpha», «alpha»,5-trimethyl-, (2R,5R)-rel-Linalool A oxide
Linalool oxide 2
Linalool oxide A
Linalool oxide II
trans-2-Methyl-2-vinyl-5-(1-hydroxy-1-methylethyl)tetrahydrofuran
trans-2-Vinyl-2-methyl-5-(1-hydroxy-1-methylethyl)tetrahydrofuran
trans-f-Linalool oxide
trans-Furanoid linalool oxide
trans-Linalool 3,6-oxide
Linalool oxide, trans
trans-«alpha», «alpha»,5-Trimethyl-5-vinyltetrahydrofurfuryl alcohol
2-((2R,5R)-5-Methyl-5-vinyltetrahydrofuran-2-yl)propan-2-ol
trans-Linalool oxide (furanoid)

(E)-Linalool oxide
trans-Linalol oxide
(E)-Linalol furanoxide
trans-Linalol oxide (f)
trans-Linalol oxide fur.
t-Linalool oxide
(E)-Linalol oxide (furanoid)
linalool oxide furanoside I
(E)-linalol oxide
trans-5-Trimethyl-2-furanmethanol
Trans linalol furanoxide
tetrahydro-«alpha», «alpha»,5-trimethyl-5-vinylfuran-2-methanol
Inchi: InChI=1S/C10H18O2/c1-5-10(4)7-6-8(12-10)9(2,3)11/h5,8,11H,1,6-7H2,2-4H3/t8-,10+/m
InchiKey: BRHDDEIRQPDPMG-SCZZXKLOSA-N
Formula: C10H18O2
SMILES: C=CC1(C)CCC(C(C)(C)O)O1
Mol. weight [g/mol]: 170.25
CAS: 34995-77-2

Physical Properties

Property code	Value	Unit	Source
gf	-75.59	kJ/mol	Joback Method
hf	-361.90	kJ/mol	Joback Method
hfus	13.74	kJ/mol	Joback Method
hvap	55.87	kJ/mol	Joback Method
log10ws	-2.44		Crippen Method
logp	1.881		Crippen Method
mcvol	148.340	ml/mol	McGowan Method
pc	2947.28	kPa	Joback Method
rinpol	1081.00		NIST Webbook
rinpol	1091.00		NIST Webbook
rinpol	1083.00		NIST Webbook
rinpol	1072.00		NIST Webbook
rinpol	1098.00		NIST Webbook
rinpol	1091.00		NIST Webbook
rinpol	1077.00		NIST Webbook
rinpol	1077.00		NIST Webbook
rinpol	1076.00		NIST Webbook
rinpol	1076.00		NIST Webbook
rinpol	1074.00		NIST Webbook

rinpol	1076.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1079.00	NIST Webbook
rinpol	1079.00	NIST Webbook
rinpol	1097.00	NIST Webbook
rinpol	1067.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1102.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1068.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1100.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1093.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1087.00	NIST Webbook

rinpol	1073.00	NIST Webbook
rinpol	1083.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1069.00	NIST Webbook
rinpol	1066.00	NIST Webbook
rinpol	1064.00	NIST Webbook
rinpol	1091.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1083.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1091.00	NIST Webbook
rinpol	1056.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1094.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1054.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1080.00	NIST Webbook

rinpol	1082.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1061.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1091.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1081.00	NIST Webbook
rinpol	1084.00	NIST Webbook
rinpol	1081.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1083.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1081.00	NIST Webbook
rinpol	1094.00	NIST Webbook
rinpol	1057.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1099.00	NIST Webbook
rinpol	1060.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1067.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1073.00	NIST Webbook

rinpol	1058.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1066.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1069.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1061.00	NIST Webbook
rinpol	1095.00	NIST Webbook
rinpol	1077.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1088.60	NIST Webbook
rinpol	1063.00	NIST Webbook
rinpol	1079.00	NIST Webbook
rinpol	1077.00	NIST Webbook
rinpol	1095.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1054.00	NIST Webbook
rinpol	1084.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1054.00	NIST Webbook
rinpol	1054.00	NIST Webbook
rinpol	1056.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1101.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1080.00	NIST Webbook

rinpol	1075.00	NIST Webbook
rinpol	1091.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1079.00	NIST Webbook
rinpol	1093.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1079.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1077.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1068.00	NIST Webbook
rinpol	1099.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1098.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1077.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1056.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1055.00	NIST Webbook

rinpol	1055.00	NIST Webbook
rinpol	1100.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1056.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1064.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1066.00	NIST Webbook
rinpol	1058.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1084.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1059.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1099.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1085.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1059.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1074.00	NIST Webbook
rinpol	1060.00	NIST Webbook
rinpol	1059.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1061.00	NIST Webbook
rinpol	1060.00	NIST Webbook
rinpol	1061.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1059.00	NIST Webbook
rinpol	1068.00	NIST Webbook
rinpol	1081.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1074.00	NIST Webbook

rinpol	1073.00	NIST Webbook
rinpol	1070.00	NIST Webbook
rinpol	1089.00	NIST Webbook
rinpol	1072.00	NIST Webbook
rinpol	1080.00	NIST Webbook
rinpol	1077.00	NIST Webbook
rinpol	1054.00	NIST Webbook
rinpol	1092.00	NIST Webbook
rinpol	1086.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1078.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1055.00	NIST Webbook
rinpol	1099.00	NIST Webbook
rinpol	1060.00	NIST Webbook
rinpol	1061.00	NIST Webbook
rinpol	1090.00	NIST Webbook
rinpol	1071.00	NIST Webbook
rinpol	1075.00	NIST Webbook
rinpol	1088.00	NIST Webbook
rinpol	1076.00	NIST Webbook
rinpol	1073.00	NIST Webbook
rinpol	1087.00	NIST Webbook
rinpol	1065.00	NIST Webbook
rinpol	1082.00	NIST Webbook
rinpol	1094.00	NIST Webbook
ripol	1490.00	NIST Webbook
ripol	1462.00	NIST Webbook
ripol	1460.00	NIST Webbook
ripol	1454.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1471.00	NIST Webbook
ripol	1482.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1452.00	NIST Webbook
ripol	1473.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1443.00	NIST Webbook
ripol	1444.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1484.00	NIST Webbook
ripol	1467.00	NIST Webbook

ripol	1483.00	NIST Webbook
ripol	1484.00	NIST Webbook
ripol	1455.00	NIST Webbook
ripol	1466.00	NIST Webbook
ripol	1443.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1478.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1427.00	NIST Webbook
ripol	1429.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1438.00	NIST Webbook
ripol	1478.00	NIST Webbook
ripol	1425.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1437.00	NIST Webbook
ripol	1425.00	NIST Webbook
ripol	1469.00	NIST Webbook
ripol	1460.00	NIST Webbook
ripol	1460.00	NIST Webbook
ripol	1464.00	NIST Webbook
ripol	1443.50	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1439.00	NIST Webbook
ripol	1446.00	NIST Webbook
ripol	1482.00	NIST Webbook
ripol	1448.00	NIST Webbook
ripol	1460.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1449.00	NIST Webbook
ripol	1449.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1465.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1460.00	NIST Webbook
ripol	1459.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1464.00	NIST Webbook
ripol	1457.00	NIST Webbook
ripol	1439.00	NIST Webbook

ripol	1430.00	NIST Webbook
ripol	1449.00	NIST Webbook
ripol	1458.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1459.00	NIST Webbook
ripol	1457.00	NIST Webbook
ripol	1475.00	NIST Webbook
ripol	1475.00	NIST Webbook
ripol	1472.00	NIST Webbook
ripol	1477.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1453.00	NIST Webbook
ripol	1475.00	NIST Webbook
ripol	1466.00	NIST Webbook
ripol	1476.00	NIST Webbook
ripol	1473.00	NIST Webbook
ripol	1438.00	NIST Webbook
ripol	1469.00	NIST Webbook
ripol	1469.00	NIST Webbook
ripol	1434.00	NIST Webbook
ripol	1453.00	NIST Webbook
ripol	1477.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1438.00	NIST Webbook
ripol	1480.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1438.00	NIST Webbook
ripol	1436.00	NIST Webbook
ripol	1468.00	NIST Webbook
ripol	1481.00	NIST Webbook
ripol	1435.00	NIST Webbook
ripol	1485.00	NIST Webbook
ripol	1459.00	NIST Webbook
ripol	1455.00	NIST Webbook
ripol	1483.00	NIST Webbook
ripol	1463.00	NIST Webbook
ripol	1475.00	NIST Webbook
ripol	1478.00	NIST Webbook
ripol	1478.00	NIST Webbook
ripol	1441.00	NIST Webbook
ripol	1454.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1464.00	NIST Webbook

ripol	1480.00	NIST Webbook
ripol	1439.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1461.00	NIST Webbook
ripol	1440.00	NIST Webbook
ripol	1455.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1453.00	NIST Webbook
ripol	1471.00	NIST Webbook
ripol	1449.00	NIST Webbook
ripol	1453.00	NIST Webbook
ripol	1453.00	NIST Webbook
ripol	1475.00	NIST Webbook
ripol	1468.00	NIST Webbook
ripol	1440.00	NIST Webbook
ripol	1440.00	NIST Webbook
ripol	1425.00	NIST Webbook
ripol	1464.00	NIST Webbook
ripol	1452.00	NIST Webbook
ripol	1438.00	NIST Webbook
ripol	1439.00	NIST Webbook
ripol	1464.00	NIST Webbook
ripol	1465.00	NIST Webbook
ripol	1440.00	NIST Webbook
ripol	1424.00	NIST Webbook
ripol	1440.00	NIST Webbook
ripol	1463.00	NIST Webbook
ripol	1477.00	NIST Webbook
ripol	1476.00	NIST Webbook
ripol	1424.00	NIST Webbook
ripol	1439.00	NIST Webbook
ripol	1439.00	NIST Webbook
ripol	1474.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1451.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1450.00	NIST Webbook
ripol	1455.00	NIST Webbook
ripol	1450.00	NIST Webbook

ripol	1450.00		NIST Webbook
ripol	1478.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1445.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1452.00		NIST Webbook
ripol	1452.00		NIST Webbook
ripol	1458.00		NIST Webbook
ripol	1447.00		NIST Webbook
ripol	1438.00		NIST Webbook
ripol	1449.00		NIST Webbook
ripol	1449.00		NIST Webbook
ripol	1451.00		NIST Webbook
ripol	1460.00		NIST Webbook
ripol	1454.00		NIST Webbook
ripol	1452.00		NIST Webbook
ripol	1432.00		NIST Webbook
ripol	1484.00		NIST Webbook
ripol	1466.00		NIST Webbook
ripol	1427.00		NIST Webbook
ripol	1425.00		NIST Webbook
ripol	1439.00		NIST Webbook
ripol	1450.00		NIST Webbook
ripol	1461.00		NIST Webbook
ripol	1459.00		NIST Webbook
ripol	1480.00		NIST Webbook
ripol	1460.00		NIST Webbook
ripol	1465.00		NIST Webbook
tb	551.63	K	Joback Method
tc	752.27	K	Joback Method
tf	321.07	K	Joback Method
vc	0.543	m ³ /kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
---------------	-------	------	-----------------	--------

cpg	383.75	J/mol×K	551.63	Joback Method
cpg	399.17	J/mol×K	585.07	Joback Method
cpg	413.59	J/mol×K	618.51	Joback Method
cpg	427.13	J/mol×K	651.95	Joback Method
cpg	439.91	J/mol×K	685.39	Joback Method
cpg	452.03	J/mol×K	718.83	Joback Method
cpg	463.60	J/mol×K	752.27	Joback Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C34995772&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307i

Legend

cpg:	Ideal gas heat capacity
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
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

Latest version available from:

<https://www.chemeo.com/cid/32-091-5/trans-Linalool-oxide-furanoid.pdf>

Generated by Cheméo on 2024-04-27 07:12:37.219357005 +0000 UTC m=+16491206.139934320.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.