

«alpha»-Farnesene

Other names:

1,3,6,10-Dodecatetraene, 3,7,11-trimethyl-, (E,E)-Farnesene
2,6,10-Trimethyl-2,6,9,11-dodecatetraene, trans-3,7,11-Trimethyl-1,3,6,10-dodecatetraene, (trans,trans)-(3E,6E)-3,7,11-Trimethyldodeca-1,3,6,10-tetraene
«alpha»-E,E-Farnesene
«alpha»-Farnesene, (E,E)-
«alpha»-trans-Farnesene
«alpha»-trans,trans-Farnesene
(3E,6E)- «alpha»-Farnesene
(E,E)-«alpha»-Farnesene
alpha-Farnesene
trans-«alpha»-Farnesene
trans,trans-«alpha»-Farnesene
1,3,6,10-Dodecatetraene, 3,7,11-trimethyl-, (3E,6E)-trans-2,6,10-Trimethyl-2,6,9,11-dodecatetraene
trans-3,7,11-Trimethyl-1,3,6,10-dodecatetraene
(E,E)-Farnesene
E, «alpha»-Farnesene
(E; E)-«alpha»-farnesene
«alpha»-Farnesene, (Z,E)-
E,E-«alpha», «alpha»-farnesene
(E)-3, (E)-6-«alpha»-farnesene
(E,E)-«alpha»-Farnesene
«alpha»-farnesene (E)
2,6,10-trimethyldodeca-2,6,9,11-tetraene

Inchi: InChI=1S/C15H24/c1-6-14(4)10-8-12-15(5)11-7-9-13(2)3/h6,9-10,12H,1,7-8,11H2,2-5H3

InchiKey: CXENHBSYCFKJS-VDQVFBMKSA-N

Formula: C15H24

SMILES: C=CC(C)=CCC=C(C)CCC=C(C)C

Mol. weight [g/mol]: 204.35

CAS: 502-61-4

Physical Properties

Property code	Value	Unit	Source
gf	378.27	kJ/mol	Joback Method

hf	94.79		kJ/mol	Joback Method
hfus	30.00		kJ/mol	Joback Method
hvap	48.43		kJ/mol	Joback Method
log10ws	-5.52			Crippen Method
logp	5.202			Crippen Method
mcvol	205.010		ml/mol	McGowan Method
pc	1672.79		kPa	Joback Method
rinpol	1511.00			NIST Webbook
rinpol	1487.00			NIST Webbook
rinpol	1538.00			NIST Webbook
rinpol	1492.00			NIST Webbook
rinpol	1503.00			NIST Webbook
rinpol	1495.00			NIST Webbook
rinpol	1500.00			NIST Webbook
rinpol	1494.00			NIST Webbook
rinpol	1514.00			NIST Webbook
rinpol	1501.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1472.00			NIST Webbook
rinpol	1509.00			NIST Webbook
rinpol	1492.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1506.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1510.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1489.00			NIST Webbook
rinpol	1485.00			NIST Webbook
rinpol	1500.00			NIST Webbook
rinpol	1456.00			NIST Webbook
rinpol	1504.00			NIST Webbook
rinpol	1505.00			NIST Webbook
rinpol	1512.00			NIST Webbook
rinpol	1508.00			NIST Webbook
rinpol	1485.00			NIST Webbook
rinpol	1510.00			NIST Webbook
rinpol	1510.00			NIST Webbook
rinpol	1511.00			NIST Webbook
rinpol	1463.00			NIST Webbook
rinpol	1511.00			NIST Webbook
rinpol	1506.00			NIST Webbook
rinpol	1506.00			NIST Webbook

rinpol	1506.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1480.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1514.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1513.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1524.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1489.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1514.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1512.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1520.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1495.00	NIST Webbook

rinpol	1520.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1527.00	NIST Webbook
rinpol	1515.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1488.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1484.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1485.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1533.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1488.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1485.00	NIST Webbook
rinpol	1484.00	NIST Webbook
rinpol	1518.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1510.00	NIST Webbook

rinpol	1508.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1462.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1486.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1518.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1485.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1497.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1497.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1514.00	NIST Webbook
rinpol	1482.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1473.00	NIST Webbook
rinpol	1501.00	NIST Webbook

rinpol	1523.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1497.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1485.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1524.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1514.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1507.00	NIST Webbook

rinpol	1496.00	NIST Webbook
rinpol	1521.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1510.90	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1462.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1509.80	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1494.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1461.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1508.10	NIST Webbook
rinpol	1509.50	NIST Webbook
rinpol	1511.40	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1512.00	NIST Webbook

rinpol	1487.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1471.00	NIST Webbook
rinpol	1486.00	NIST Webbook
rinpol	1479.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1462.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1473.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1492.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1512.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1501.00	NIST Webbook

rinpol	1517.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1484.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1490.00	NIST Webbook
rinpol	1486.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1518.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1495.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1469.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1487.00	NIST Webbook
rinpol	1518.00	NIST Webbook
rinpol	1515.00	NIST Webbook
rinpol	1496.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1545.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1459.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1504.00	NIST Webbook

rinpol	1508.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1491.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1500.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1503.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1463.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1499.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1501.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1506.00	NIST Webbook
rinpol	1509.00	NIST Webbook
rinpol	1493.00	NIST Webbook
rinpol	1504.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1516.00	NIST Webbook
rinpol	1511.00	NIST Webbook
rinpol	1513.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1508.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1528.00	NIST Webbook
rinpol	1498.00	NIST Webbook
rinpol	1518.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1512.00	NIST Webbook

ripol	1493.00	NIST Webbook
ripol	1500.00	NIST Webbook
ripol	1503.00	NIST Webbook
ripol	1506.00	NIST Webbook
ripol	1506.00	NIST Webbook
ripol	1507.00	NIST Webbook
ripol	1502.00	NIST Webbook
ripol	1518.00	NIST Webbook
ripol	1763.00	NIST Webbook
ripol	1745.00	NIST Webbook
ripol	1736.00	NIST Webbook
ripol	1756.00	NIST Webbook
ripol	1768.00	NIST Webbook
ripol	1760.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1757.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1725.00	NIST Webbook
ripol	1757.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1738.00	NIST Webbook
ripol	1738.00	NIST Webbook
ripol	1731.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1696.00	NIST Webbook
ripol	1735.00	NIST Webbook
ripol	1753.00	NIST Webbook
ripol	1734.00	NIST Webbook
ripol	1729.00	NIST Webbook
ripol	1753.00	NIST Webbook

ripol	1734.00	NIST Webbook
ripol	1729.00	NIST Webbook
ripol	1733.00	NIST Webbook
ripol	1742.00	NIST Webbook
ripol	1746.00	NIST Webbook
ripol	1714.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1735.00	NIST Webbook
ripol	1775.00	NIST Webbook
ripol	1760.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1749.00	NIST Webbook
ripol	1762.00	NIST Webbook
ripol	1741.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1748.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1731.00	NIST Webbook
ripol	1698.00	NIST Webbook
ripol	1732.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1742.00	NIST Webbook
ripol	1733.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1751.00	NIST Webbook
ripol	1732.00	NIST Webbook
ripol	1737.00	NIST Webbook
ripol	1741.00	NIST Webbook
ripol	1745.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1732.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1745.00	NIST Webbook
ripol	1735.00	NIST Webbook
ripol	1722.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1745.00	NIST Webbook

ripol	1730.00	NIST Webbook
ripol	1746.00	NIST Webbook
ripol	1766.00	NIST Webbook
ripol	1764.00	NIST Webbook
ripol	1764.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1756.00	NIST Webbook
ripol	1738.00	NIST Webbook
ripol	1759.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1725.00	NIST Webbook
ripol	1778.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1738.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1762.00	NIST Webbook
ripol	1749.00	NIST Webbook
ripol	1730.00	NIST Webbook
ripol	1743.00	NIST Webbook
ripol	1750.00	NIST Webbook
ripol	1751.00	NIST Webbook
ripol	1751.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1743.00	NIST Webbook
ripol	1715.00	NIST Webbook
ripol	1749.00	NIST Webbook
ripol	1725.00	NIST Webbook
ripol	1760.00	NIST Webbook
ripol	1725.00	NIST Webbook
ripol	1752.00	NIST Webbook
ripol	1758.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1752.00	NIST Webbook
ripol	1756.00	NIST Webbook
ripol	1756.00	NIST Webbook
ripol	1737.00	NIST Webbook
ripol	1730.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1723.00	NIST Webbook
ripol	1749.00	NIST Webbook
ripol	1743.00	NIST Webbook
ripol	1752.00	NIST Webbook
ripol	1735.00	NIST Webbook

ripol	1756.00	NIST Webbook
ripol	1732.00	NIST Webbook
ripol	1713.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1730.00	NIST Webbook
ripol	1723.00	NIST Webbook
ripol	1708.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1742.00	NIST Webbook
ripol	1700.00	NIST Webbook
ripol	1720.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1742.00	NIST Webbook
ripol	1748.00	NIST Webbook
ripol	1745.00	NIST Webbook
ripol	1736.00	NIST Webbook
ripol	1733.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1744.00	NIST Webbook
ripol	1764.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1736.00	NIST Webbook
ripol	1753.00	NIST Webbook
ripol	1727.00	NIST Webbook
ripol	1723.00	NIST Webbook
ripol	1725.00	NIST Webbook
ripol	1746.00	NIST Webbook
ripol	1747.00	NIST Webbook
ripol	1741.00	NIST Webbook
ripol	1695.00	NIST Webbook
ripol	1753.00	NIST Webbook
ripol	1734.00	NIST Webbook
ripol	1772.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1752.00	NIST Webbook
ripol	1755.00	NIST Webbook
ripol	1754.00	NIST Webbook
ripol	1760.00	NIST Webbook
ripol	1748.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1740.00	NIST Webbook
ripol	1706.00	NIST Webbook
ripol	1745.00	NIST Webbook
ripol	1745.00	NIST Webbook

ripol	1737.00		NIST Webbook
tb	551.40	K	Joback Method
tc	741.98	K	Joback Method
tf	199.93	K	Joback Method
vc	0.799	m ³ /kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	483.77	J/mol×K	551.40	Joback Method
cpg	501.93	J/mol×K	583.16	Joback Method
cpg	519.09	J/mol×K	614.93	Joback Method
cpg	535.33	J/mol×K	646.69	Joback Method
cpg	550.70	J/mol×K	678.45	Joback Method
cpg	565.26	J/mol×K	710.22	Joback Method
cpg	579.10	J/mol×K	741.98	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=C502614&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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.cheméo.com/cid/28-127-0/alpha-Farnesene.pdf>

Generated by Cheméo on 2024-04-26 14:43:50.136625814 +0000 UTC m=+16431879.057203126.

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