

Cedren-13-ol, 8-

Other names:	Cedr-8-en-13-ol 8-Cedren-13-ol 8-Cedrene-13-ol Cedr-8-en-13-ol, (-)- Cedren-13-ol
Inchi:	InChI=1S/C15H24O/c1-10-6-7-15-8-12(10)14(3,9-16)13(15)5-4-11(15)2/h6,11-13,16H,4-
InchiKey:	PPTXKCYXNDLKTQ-UHFFFAOYSA-N
Formula:	C15H24O
SMILES:	CC1=CCC23CC1C(C)(CO)C2CCC3C
Mol. weight [g/mol]:	220.35
CAS:	18319-35-2

Physical Properties

Property code	Value	Unit	Source
gf	90.58	kJ/mol	Joback Method
hf	-262.97	kJ/mol	Joback Method
hfus	19.28	kJ/mol	Joback Method
hvap	63.78	kJ/mol	Joback Method
log10ws	-3.69		Crippen Method
logp	3.387		Crippen Method
mcvol	191.200	ml/mol	McGowan Method
pc	2309.17	kPa	Joback Method
rinpol	1687.00		NIST Webbook
rinpol	1687.00		NIST Webbook
rinpol	1678.00		NIST Webbook
rinpol	1688.00		NIST Webbook
rinpol	1678.00		NIST Webbook
rinpol	1668.00		NIST Webbook
rinpol	1688.00		NIST Webbook
rinpol	1689.00		NIST Webbook
rinpol	1688.00		NIST Webbook
rinpol	1728.00		NIST Webbook
rinpol	1690.00		NIST Webbook
rinpol	1680.00		NIST Webbook
rinpol	1688.00		NIST Webbook
rinpol	1657.00		NIST Webbook
rinpol	1688.00		NIST Webbook

ripol	2359.00		NIST Webbook
ripol	2359.00		NIST Webbook
tb	658.82	K	Joback Method
tc	867.61	K	Joback Method
tf	419.01	K	Joback Method
vc	0.730	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	574.50	J/mol×K	658.82	Joback Method
cpg	592.95	J/mol×K	693.62	Joback Method
cpg	610.61	J/mol×K	728.42	Joback Method
cpg	627.74	J/mol×K	763.22	Joback Method
cpg	644.56	J/mol×K	798.01	Joback Method
cpg	661.31	J/mol×K	832.81	Joback Method
cpg	678.22	J/mol×K	867.61	Joback Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18319352&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

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/50-531-6/Cedren-13-ol-8.pdf>

Generated by Cheméo on 2025-12-05 22:43:43.148601285 +0000 UTC m=+4722820.678641949.

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