1,3a-Ethano(1H)inden-4-ol, octahydro-2,2,4,7a-tetramethyl-

Inchi: InChI=1S/C15H26O/c1-12(2)10-15-9-6-11(12)13(15,3)7-5-8-14(15,4)16/h11,16H,5-10H2

InchiKey: RFCLAPPPXFIYJS-UHFFFAOYSA-N

Formula: C15H26O

SMILES: CC1(C)CC23CCC1C2(C)CCCC3(C)O

Mol. weight [g/mol]: 222.37

CAS: 62511-51-7

Physical Properties

Property code	Value	Unit	Source
gf	59.27	kJ/mol	Joback Method
hf	-278.80	kJ/mol	Joback Method
hfus	5.85	kJ/mol	Joback Method
hvap	60.52	kJ/mol	Joback Method
log10ws	-4.19		Crippen Method
logp	3.754		Crippen Method
mcvol	195.500	ml/mol	McGowan Method
pc	2470.27	kPa	Joback Method
rinpol	1648.00		NIST Webbook
tb	655.16	K	Joback Method
tc	876.31	K	Joback Method
tf	453.53	K	Joback Method
vc	0.740	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	590.59	J/mol×K	655.16	Joback Method
cpg	610.07	J/mol×K	692.02	Joback Method
cpg	629.03	J/mol×K	728.88	Joback Method
cpg	647.94	J/mol×K	765.73	Joback Method
cpg	667.27	J/mol×K	802.59	Joback Method
cpg	687.47	J/mol×K	839.45	Joback Method
cpg	709.02	J/mol×K	876.31	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C62511517&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
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume