

Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-

Other names: «gamma»-Cadinene
(1S-(1«alpha»,4«alpha»,4«alpha»,6«alpha»,8«beta»))-1-isopropyl-7-methyl-4-methylene-1,2,3,4,4a,5,6,8a-octahydronaphthalene)-,
(1R,4aS,8aS)-rel-
(1R,4aS,8aS)-1-isopropyl-7-methyl-4-methylene-1,2,3,4,4a,5,6,8a-octahydronaphthalene

Inchi: (1S-(1«alpha»,4«alpha»,4«alpha»,6«alpha»,8«beta»))-decahydro-4-isopropyl-1,6-dimeth
InchiKey: WRHGORWNJGOVQY-RBSFLKMASA-N
Formula: C15H24
SMILES: C=C1CCC(C(C)C)C2C=C(C)CCC12
Mol. weight [g/mol]: 204.35
CAS: 39029-41-9

Physical Properties

Property code	Value	Unit	Source
gf	211.78	kJ/mol	Joback Method
hf	-127.04	kJ/mol	Joback Method
hfus	19.70	kJ/mol	Joback Method
hvap	49.91	kJ/mol	Joback Method
log10ws	-4.63		Crippen Method
logp	4.581		Crippen Method
mcvol	191.890	ml/mol	McGowan Method
pc	1918.62	kPa	Joback Method
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tb	571.35	K	Joback Method
tc	785.53	K	Joback Method
tf	288.33	K	Joback Method
vc	0.721	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	501.64	J/mol×K	571.35	Joback Method
cpg	603.88	J/mol×K	749.83	Joback Method
cpg	585.88	J/mol×K	714.14	Joback Method
cpg	566.71	J/mol×K	678.44	Joback Method
cpg	546.31	J/mol×K	642.74	Joback Method
cpg	524.63	J/mol×K	607.05	Joback Method
cpg	620.74	J/mol×K	785.53	Joback Method

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