Acetone di-n-propylhydrazone

Inchi: InChI=1S/C9H20N2/c1-5-7-11(8-6-2)10-9(3)4/h5-8H2,1-4H3
InchiKey: RVBFMXIBVDTEPZ-UHFFFAOYSA-N
Formula: C9H20N2
SMILES: CCCN(CCC)N=C(C)C
Mol. weight [g/mol]: 156.27
CAS: 76754-43-3

Physical Properties

Property code	Value	Unit	Source
chl	-6336.20 ± 1.20	kJ/mol	NIST Webbook
hf	-89.13	kJ/mol	Joback Method
hfl	-63.60 ± 1.20	kJ/mol	NIST Webbook
hvap	41.06	kJ/mol	Joback Method
log10ws	-2.31		Crippen Method
logp	2.504		Crippen Method
mcvol	153.330	ml/mol	McGowan Method
pc	2096.50	kPa	Joback Method
tb	494.32	K	Joback Method
tc	678.12	K	Joback Method

Sources

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=C76754433&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

chl: Standard liquid enthalpy of combustion

hf:	Enthalpy of formation at standard conditions
hfl:	Liquid phase enthalpy of formation 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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature