1-Hexanamine, N-hexyl-N-nitroso-

Other names:	Dihexylamine, N-nitroso-
	Di-n-Hexylnitrosamine
	Dihexylnitrosamine
	Dihexylnitrosoamine
	N-Nitrosodihexylamine
	Nitrosodi-N-hexylamine
	N,N-Di-n-hexylnitrosamine
	1,1-Dihexyl-2-oxohydrazine
	NSC 18800
Inchi:	InChI=1S/C12H26N2O/c1-3-5-7-9-11-14(13-15)12-10-8-6-4-2/h3-12H2,1-2H3
InchiKey:	KWAGGQMMLIYQAU-UHFFFAOYSA-N
Formula:	C12H26N2O
SMILES:	CCCCCCN(CCCCCC)N=O
Mol. weight [g/mol]:	214.35
CAS:	6949-28-6

Physical Properties

Property code	Value	Unit	Source
hf	-391.67	kJ/mol	Joback Method
hvap	53.45	kJ/mol	Joback Method
log10ws	-4.60		Crippen Method
logp	4.130		Crippen Method
mcvol	201.470	ml/mol	McGowan Method
pc	1750.67	kPa	Joback Method
rinpol	1705.00		NIST Webbook
tb	549.80	K	Joback Method
tc	710.99	K	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=C6949286&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf:	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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature