

Hexanamide, n,n-bis(2-ethylhexyl)-6-chloro-

Inchi:	InChI=1S/C22H44ClNO/c1-5-9-14-20(7-3)18-24(19-21(8-4)15-10-6-2)22(25)16-12-11-13
InchiKey:	QIAXMLYRWAMPLX-UHFFFAOYSA-N
Formula:	C22H44ClNO
SMILES:	CCCCC(CC)CN(CC(CC)CCCC)C(=O)CCCCCl
Mol. weight [g/mol]:	374.05

Physical Properties

Property code	Value	Unit	Source
hfus	54.51	kJ/mol	Joback Method
hvap	96.30	kJ/mol	Cheméo Relay (1.0)
log10ws	-6.10		Cheméo Relay (1.0)
logp	7.047		Crippen Method
mcvol	344.630	ml/mol	McGowan Method
rinpol	2377.00		NIST Webbook
rinpol	2377.00		NIST Webbook
tb	625.93	K	Cheméo Relay (1.0)
tf	256.46	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1078.60	J/mol×K	805.62	Joback Method
cpg	1098.88	J/mol×K	836.13	Joback Method
cpg	1118.09	J/mol×K	866.64	Joback Method
cpg	1136.28	J/mol×K	897.16	Joback Method
cpg	1153.50	J/mol×K	927.67	Joback Method
cpg	1169.80	J/mol×K	958.18	Joback Method
cpg	1185.22	J/mol×K	988.69	Joback Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U308659&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

cpg:	Ideal gas heat capacity
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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

Latest version available from:

<https://www.chemeo.com/cid/26-093-0/Hexanamide-n-n-bis-2-ethylhexyl-6-chloro.pdf>

Generated by Cheméo on 2026-07-22 00:49:35.03273752 +0000 UTC m=+192470.874622895.

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