

N-Nonanoylmorpholine

Other names:	N-Pelargonyl morpholide AI 318284 Morpholine, 4-(1-oxononyl)- Morpholine, 4-nonanoyl- Pelargonic morpholide 4-Nonanoylmorpholine N-Morpholino nonanamide 1-Nonanone, 1-(4-morpholino)- NSC 3150
Inchi:	InChI=1S/C13H25NO2/c1-2-3-4-5-6-7-8-13(15)14-9-11-16-12-10-14/h2-12H2,1H3
InchiKey:	NBRDJXSTGSUITP-UHFFFAOYSA-N
Formula:	C13H25NO2
SMILES:	CCCCCCCCC(=O)N1CCOCC1
Mol. weight [g/mol]:	227.34
CAS:	5299-64-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.59		Crippen Method
logp	2.596		Crippen Method
mcvol	200.590	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	400.50 ± 2.50	K	0.07	NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C5299649&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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