(E)-1-(Piperidin-1-yl)octadec-5-en-1-one

Inchi: InChI=1S/C23H43NO/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-17-20-23(25)24-21-18-16-19

InchiKey: FLVOFARNHOWPTO-BUHFOSPRSA-N

Formula: C23H43NO

SMILES: CCCCCCCCCCCCC=CCCCC(=O)N1CCCCC1

Mol. weight [g/mol]: 349.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.54		Crippen Method
logp	7.036		Crippen Method
mcvol	331.320	ml/mol	McGowan Method
rinpol	2806.90		NIST Webbook
rinpol	2806.90		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U412536&Units=SI

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

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices

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