2,4-Decadienoyl piperidide I

Inchi: InChI=1S/C15H25NO/c1-2-3-4-5-6-7-9-12-15(17)16-13-10-8-11-14-16/h6-7,9,12H,2-5,8,1
InchiKey: ZPSGREUUQGTKDE-UHFFFAOYSA-N
Formula: C15H25NO
SMILES: CCCCCC=CC=CC(=O)N1CCCCC1
Mol. weight [g/mol]: 235.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	3.692		Crippen Method
mcvol	214.300	ml/mol	McGowan Method
rinpol	2103.00		NIST Webbook
rinpol	2127.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R545861&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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
rinpol: Non-polar retention indices

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