(Z)-Dendrolasine

Inchi: InChI=1S/C15H22O/c1-13(2)6-4-7-14(3)8-5-9-15-10-11-16-12-15/h6,8,10-12H,4-5,7,9H2
InchiKey: LZBXPXAOYQVZEC-ZSOIEALJSA-N
Formula: C15H22O
SMILES: CC(C)=CCCC(C)=CCCc1ccoc1
Mol. weight [g/mol]: 218.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.48		Crippen Method
logp	4.905		Crippen Method
mcvol	200.020	ml/mol	McGowan Method
rinpol	1555.00		NIST Webbook
rinpol	1555.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R593350&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

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