(R)-3,5,8a-Trimethyl-7,8,8a,9-tetrahydronaphtho[2

Inchi: InChI=1S/C15H18O2/c1-9-5-4-6-15(3)7-11-12(10(2)8-17-11)14(16)13(9)15/h8H,4-7H2,1-
InchiKey: NKPGPFRAHOCSPY-HNNXBMFYSA-N
Formula: C15H18O2
SMILES: CC1=C2C(=O)c3c(C)coc3CC2(C)CCC1
Mol. weight [g/mol]: 230.30
CAS: 151590-41-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.06		Crippen Method
logp	3.834		Crippen Method
mcvol	184.170	ml/mol	McGowan Method
rinpol	1815.80		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C151590419&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.