L-Proline, N-pivaloyl-, isobutyl ester

Inchi: InChI=1S/C14H25NO3/c1-10(2)9-18-12(16)11-7-6-8-15(11)13(17)14(3,4)5/h10-11H,6-9H
InchiKey: RFDFPEOSDCVJLZ-UHFFFAOYSA-N
Formula: C14H25NO3
SMILES: CC(C)COC(=O)C1CCCN1C(=O)C(C)(C)C
Mol. weight [g/mol]: 255.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	2.223		Crippen Method
mcvol	216.250	ml/mol	McGowan Method
rinpol	1778.00		NIST Webbook
rinpol	1778.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346356&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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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