Mephenytoin perethylated

Inchi: InChI=1S/C14H18N2O2/c1-4-14(11-9-7-6-8-10-11)12(17)15(3)13(18)16(14)5-2/h6-10H,4
InchiKey: ZDRIBPOKVNVSBV-UHFFFAOYSA-N
Formula: C14H18N2O2
SMILES: CCN1C(=O)N(C)C(=O)C1(CC)c1ccccc1
Mol. weight [g/mol]: 246.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.52		Crippen Method
logp	2.206		Crippen Method
mcvol	196.600	ml/mol	McGowan Method
rinpol	2339.00		NIST Webbook
rinpol	2339.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R387947&Units=SI

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.