Mephenytoin, M(nor-), AC

Inchi: InChI=1S/C13H14N2O3/c1-3-13(10-7-5-4-6-8-10)11(17)14-12(18)15(13)9(2)16/h4-8H,3H
InchiKey: MCAKRJKGWFUTEQ-UHFFFAOYSA-N
Formula: C13H14N2O3
SMILES: CCC1(c2ccccc2)C(=O)NC(=O)N1C(C)=O
Mol. weight [g/mol]: 246.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	1.390		Crippen Method
mcvol	184.080	ml/mol	McGowan Method
rinpol	1900.00		NIST Webbook
rinpol	1900.00		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=R255642&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

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