Zolpidem-M (HO-) isomer-2 AC

Inchi: InChI=1S/C21H23N3O3/c1-13-6-8-16(9-7-13)21-17(10-20(26)23(4)5)24-12-14(2)18(27-1
InchiKey: AOGJRWBLOWNMIW-UHFFFAOYSA-N
Formula: C21H23N3O3
SMILES: CC(=O)Oc1cc2nc(-c3ccc(C)cc3)c(CC(=O)N(C)C)n2cc1C
Mol. weight [g/mol]: 365.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.05		Crippen Method
logp	3.174		Crippen Method
mcvol	283.020	ml/mol	McGowan Method
rinpol	3155.00		NIST Webbook
rinpol	3155.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R331281&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

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