

Viquidil

Inchi: InChI=1S/C20H24N2O2/c1-3-14-13-21-10-8-15(14)4-7-20(23)17-9-11-22-19-6-5-16(24-2
InchiKey: DKRSEIPLAZTSFD-CABCVRRESA-N
Formula: C20H24N2O2
SMILES: C=CC1CNCCC1CCC(=O)c1ccnc2ccc(OC)cc12
Mol. weight [g/mol]: 324.42
CAS: 84-55-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.62		Crippen Method
logp	3.618		Crippen Method
mcvol	261.680	ml/mol	McGowan Method
rinpola	2805.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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=C84559&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpola: Non-polar retention indices

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<https://www.chemeo.com/cid/23-078-0/Viquidil.pdf>

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