

Perindopril desethyl 3Me (Perindoprilate 3Me)

Inchi: InChI=1S/C20H34N2O5/c1-6-9-16(19(24)26-4)21(3)13(2)18(23)22-15-11-8-7-10-14(15)1
InchiKey: CDYBMFZIDHTPCH-JLXZJAHCSA-N
Formula: C20H34N2O5
SMILES: CCCC(C(=O)OC)N(C)C(C)C(=O)N1C(C(=O)OC)CC2CCCCC21
Mol. weight [g/mol]: 382.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	1.981		Crippen Method
mcvol	307.350	ml/mol	McGowan Method
rinsol	2470.00		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=R549927&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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<https://www.chemeo.com/cid/54-907-5/Perindopril-desethyl-3Me-Perindoprilate-3Me.pdf>

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