

Pipecolic acid, N-octyloxycarbonyl-, tetradecyl ester

Inchi: InChI=1S/C29H55NO4/c1-3-5-7-9-11-12-13-14-15-16-18-21-25-33-28(31)27-23-19-20-24
InchiKey: UMYFIVSEGZERET-UHFFFAOYSA-N
Formula: C29H55NO4
SMILES: CCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCCCCCCCC
Mol. weight [g/mol]: 481.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.24		Crippen Method
logp	8.582		Crippen Method
mcvol	433.470	ml/mol	McGowan Method
rinpol	3363.00		NIST Webbook
rinpol	3363.00		NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U393135&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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