

d-Proline, n-butoxycarbonyl-, hexadecyl ester

Inchi: InChI=1S/C26H49NO4/c1-3-5-7-8-9-10-11-12-13-14-15-16-17-18-23-30-25(28)24-20-19
InchiKey: RRXGBPVBZRDSHC-UHFFFAOYSA-N
Formula: C26H49NO4
SMILES: CCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCCCC
Mol. weight [g/mol]: 439.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.99		Crippen Method
logp	7.412		Crippen Method
mcvol	391.200	ml/mol	McGowan Method
rinpol	2907.00		NIST Webbook
rinpol	2907.00		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=U321093&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
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/95-074-5/d-Proline-n-butoxycarbonyl-hexadecyl-ester.pdf>

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