

d-Proline, N-ethoxycarbonyl-, hexadecyl ester

Inchi: InChI=1S/C24H45NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-17-21-29-23(26)22-19-18-2
InchiKey: DGQMEPYDCCUTCA-UHFFFAOYSA-N
Formula: C24H45NO4
SMILES: CCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC
Mol. weight [g/mol]: 411.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.15		Crippen Method
logp	6.632		Crippen Method
mcvol	363.020	ml/mol	McGowan Method
rinpole	2703.00		NIST Webbook
rinpole	2703.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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=U320846&Units=SI>

Legend

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

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