d-Proline, N-ethoxycarbonyl-, pentadecyl ester

Inchi: InChI=1S/C23H43NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-20-28-22(25)21-18-17-19-2
InchiKey: GBMFMXSHGFHVIV-UHFFFAOYSA-N
Formula: C23H43NO4
SMILES: CCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC
Mol. weight [g/mol]: 397.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.73		Crippen Method
logp	6.242		Crippen Method
mcvol	348.930	ml/mol	McGowan Method
rinpol	2609.00		NIST Webbook
rinpol	2609.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=U320845&Units=SI

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.