d-Proline, N-ethoxycarbonyl-, dodecyl ester

Inchi: InChI=1S/C20H37NO4/c1-3-5-6-7-8-9-10-11-12-13-17-25-19(22)18-15-14-16-21(18)20(2
InchiKey: SUWMENHFNHIHSR-UHFFFAOYSA-N
Formula: C20H37NO4
SMILES: CCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC
Mol. weight [g/mol]: 355.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	5.071		Crippen Method
mcvol	306.660	ml/mol	McGowan Method
rinpol	2358.00		NIST Webbook
rinpol	2358.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U320843&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.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

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