

d-Proline, N-methoxycarbonyl-, hexadecyl ester

Inchi:	InChI=1S/C23H43NO4/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-20-28-22(25)21-18-17-19
InchiKey:	GTZKECDWTZCJRV-UHFFFAOYSA-N
Formula:	C23H43NO4
SMILES:	CCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OC
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	2679.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=U320798&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

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