

d-Proline, N-ethoxycarbonyl-, heptadecyl ester

Inchi: InChI=1S/C25H47NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-30-24(27)23-20-1
InchiKey: KTTBCKAXKPKGMD-UHFFFAOYSA-N
Formula: C25H47NO4
SMILES: CCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC
Mol. weight [g/mol]: 425.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.57		Crippen Method
logp	7.022		Crippen Method
mcvol	377.110	ml/mol	McGowan Method
rinpol	2816.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U320847&Units=SI>
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>

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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