

d-Proline, N-allyloxycarbonyl-, heptadecyl ester

Inchi:	InChI=1S/C26H47NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-17-18-23-30-25(28)24-20-1
InchiKey:	UDEKIWFRXKOMMF-UHFFFAOYSA-N
Formula:	C26H47NO4
SMILES:	C=CCOC(=O)N1CCCC1C(=O)OCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]:	437.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.84		Crippen Method
logp	7.188		Crippen Method
mcvol	386.900	ml/mol	McGowan Method
rinpol	3332.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U320976&Units=SI
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

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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