

D-proline, n-isobutoxycarbonyl-, octadecyl ester

Inchi:	InChI=1S/C28H53NO4/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-23-32-27(30)26-2
InchiKey:	OGJMVABFGDCCPE-UHFFFAOYSA-N
Formula:	C28H53NO4
SMILES:	CCCCCCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCC(C)C
Mol. weight [g/mol]:	467.73

Physical Properties

Property code	Value	Unit	Source
logp	8.048		Crippen Method
mcvol	419.380	ml/mol	McGowan Method
rinpol	3136.00		NIST Webbook
tb	690.89	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U320817&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/35-273-0/D-proline-n-isobutoxycarbonyl-octadecyl-ester.pdf>

Generated by Cheméo on 2026-07-21 15:39:45.878747235 +0000 UTC m=+159481.720632622.

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