

D-Proline, N-propoxycarbonyl-, tetradecyl ester

Inchi:	InChI=1S/C23H43NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-20-27-22(25)21-17-16-18-24(2
InchiKey:	WSXKUURCVHNCHR-UHFFFAOYSA-N
Formula:	C23H43NO4
SMILES:	CCCCCCCCCCCCCCCCOC(=O)C1CCCN1C(=O)OCCC
Mol. weight [g/mol]:	397.60

Physical Properties

Property code	Value	Unit	Source
logp	6.242		Crippen Method
mcvol	348.930	ml/mol	McGowan Method
rinpol	2593.00		NIST Webbook
rinpol	2593.00		NIST Webbook
tf	307.26	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U320829&Units=SI>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tf:	Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/45-375-6/D-Proline-N-propoxycarbonyl-tetradecyl-ester.pdf>

Generated by Cheméo on 2026-07-21 15:21:06.96784023 +0000 UTC m=+158362.809725633.

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