L-Proline, N-(phenylacetyl)-, nonyl ester

Inchi: InChI=1S/C22H33NO3/c1-2-3-4-5-6-7-11-17-26-22(25)20-15-12-16-23(20)21(24)18-19-1
InchiKey: WVHSIKPTGWXWAH-UHFFFAOYSA-N
Formula: C22H33NO3
SMILES: CCCCCCCCCOC(=O)C1CCCN1C(=O)Cc1ccccc1
Mol. weight [g/mol]: 359.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.35		Crippen Method
logp	4.514		Crippen Method
mcvol	305.210	ml/mol	McGowan Method
rinpol	2840.00		NIST Webbook
rinpol	2840.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U346196&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

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