

L-Proline, N-(4-chlorobenzoyl)-, butyl ester

Inchi: InChI=1S/C16H20ClNO3/c1-2-3-11-21-16(20)14-5-4-10-18(14)15(19)12-6-8-13(17)9-7-1
InchiKey: ZDLGITXTBYNVQA-UHFFFAOYSA-N
Formula: C16H20ClNO3
SMILES: CCCCOC(=O)C1CCCN1C(=O)c1ccc(Cl)cc1
Mol. weight [g/mol]: 309.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.10		Crippen Method
logp	3.288		Crippen Method
mcvol	232.910	ml/mol	McGowan Method
rinpol	2412.00		NIST Webbook
rinpol	2412.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346146&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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