

cis-Vaccenic acid, picolinyl ester

Inchi: InChI=1S/C24H39NO2/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-19-24(26)27-22-23-18-
InchiKey: UFDIVQGSXPHGEJ-FPLPWBNLSA-N
Formula: C24H39NO2
SMILES: CCCCCC=CCCCCCCCCCC(=O)OCc1ccncc1
Mol. weight [g/mol]: 373.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.37		Crippen Method
logp	7.162		Crippen Method
mcvol	338.380	ml/mol	McGowan Method
rinpol	2873.60		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333600&Units=SI>
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>

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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