Pyrazine, 2-pentyl-3-phenoxy

Other names: Pyrazine, 2-pentyl-3-(phenyloxy)
Inchi: InChI=1S/C15H18N2O/c1-2-3-5-10-14-15(17-12-11-16-14)18-13-8-6-4-7-9-13/h4,6-9,11-
InchiKey: CVVZUDIKWBFQQX-UHFFFAOYSA-N
Formula: C15H18N2O
SMILES: CCCCCc1nccnc1Oc1ccccc1
Mol. weight [g/mol]: 242.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.70		Crippen Method
logp	4.002		Crippen Method
mcvol	200.520	ml/mol	McGowan Method
rinpol	1816.00		NIST Webbook
rinpol	1816.00		NIST Webbook
ripol	2430.00		NIST Webbook
ripol	2430.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R43588&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
ripol: Polar retention indices