Aziridine, 1-(2-naphthoyl)-

Inchi: InChI=1S/C13H11NO/c15-13(14-7-8-14)12-6-5-10-3-1-2-4-11(10)9-12/h1-6,9H,7-8H2
InchiKey: BRQKCXRFVLZIPZ-UHFFFAOYSA-N
Formula: C13H11NO
SMILES: O=C(c1ccc2ccccc2c1)N1CC1
Mol. weight [g/mol]: 197.23
CAS: 63021-45-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	2.296		Crippen Method
mcvol	151.500	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C63021454&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