

2-(B-diethylaminoethoxy)-1-phenylethylazide

Inchi:	InChI=1S/C14H22N4O/c1-3-18(4-2)10-11-19-12-14(16-17-15)13-8-6-5-7-9-13/h5-9,14H,
InchiKey:	AZOXQDQKXOGNEM-UHFFFAOYSA-N
Formula:	C14H22N4O
SMILES:	CCN(CC)CCOCC(N=[N+]=[N-])c1ccccc1
Mol. weight [g/mol]:	262.35
CAS:	116373-75-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.99		Crippen Method
logp	3.396		Crippen Method
mcvol	221.550	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C116373752&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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