

N¹,n³ dibutylimidazolidine 2-thione

Other names:	N
Inchi:	InChI=1S/C11H22N2S/c1-3-5-7-12-9-10-13(11(12)14)8-6-4-2/h3-10H2,1-2H3
InchiKey:	GEDLJMYPQDMOSM-UHFFFAOYSA-N
Formula:	C11H22N2S
SMILES:	CCCCN1CCN(CCCC)C1=S
Mol. weight [g/mol]:	214.37
CAS:	30826-83-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.81		Crippen Method
logp	2.489		Crippen Method
mcvol	187.000	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C30826836&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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