

# Imidazolidine-4-thione, 2,2,5,5-tetramethyl-1-nitroso-

Inchi:	InChI=1S/C7H13N3OS/c1-6(2)5(12)8-7(3,4)10(6)9-11/h1-4H3,(H,8,12)
InchiKey:	LEBXDEWWHIETJM-UHFFFAOYSA-N
Formula:	C7H13N3OS
SMILES:	CC1(C)NC(=S)C(C)(C)N1N=O
Mol. weight [g/mol]:	187.26
CAS:	152450-70-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.16		Crippen Method
logp	1.415		Crippen Method
mcvol	142.190	ml/mol	McGowan Method

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C152450709&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C152450709&amp;Units=SI</a>

## Legend

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

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