

9H-Carbazole, 9-nitroso-

Other names:	Carbazole, 9-nitroso- N-Nitrosocarbazole 9-Nitrosocarbazole
Inchi:	InChI=1S/C12H8N2O/c15-13-14-11-7-3-1-5-9(11)10-6-2-4-8-12(10)14/h1-8H
InchiKey:	XPKSVCWBMBPUPE-UHFFFAOYSA-N
Formula:	C12H8N2O
SMILES:	O=Nn1c2ccccc2c2ccccc21
Mol. weight [g/mol]:	196.20
CAS:	2788-23-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.29		Crippen Method
logp	3.324		Crippen Method
mcvol	143.090	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2788230&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

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<https://www.chemeo.com/cid/10-907-3/9H-Carbazole-9-nitroso.pdf>

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