

2-(2-Nitrovinyl)furan

Other names:	1-(2-Furyl)-2-nitroethylene «beta»-Nitrovinylfuran Ethylene, 1-(2-furyl)-2-nitro- Furan, 2-(2-nitroethenyl)- Furan, 2-(2-nitrovinyl)- 2-Furylnitroethylene 1-(Fur-2-yl)-2-nitroethene 2-(Furan-2-yl)nitroethylene NSC 5650
Inchi:	InChI=1S/C6H5NO3/c8-7(9)4-3-6-2-1-5-10-6/h1-5H/b4-3+
InchiKey:	WVUICGOYGDHVBH-ONEGZZNKSA-N
Formula:	C6H5NO3
SMILES:	O=[N+](O-)=C=Cc1ccco1
Mol. weight [g/mol]:	139.11
CAS:	699-18-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.61		Crippen Method
logp	1.527		Crippen Method
mcvol	94.930	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C699183&Units=SI

Legend

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

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