

Ethylidene,diazo

Inchi:	InChI=1S/C2HN2/c1-2-4-3/h4H
InchiKey:	IPMSOMKMGJLNBC-UHFFFAOYSA-N
Formula:	C2N2
SMILES:	[C+]#CN[N-]
Mol. weight [g/mol]:	52.03
CAS:	130760-10-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	-0.124		Crippen Method
mcvol	43.950	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=C130760100&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

Latest version available from:

<https://www.chemeo.com/cid/71-282-0/Ethylidene-diazo.pdf>

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