1-(1-Methoxycarbonylethyl)-2-methoxydiazen-1-ox

Inchi: InChI=1S/C5H10N2O4/c1-4(5(8)10-2)7(9)6-11-3/h4H,1-3H3/b7-6-
InchiKey: FDPOKCSLDSWNQJ-SREVYHEPSA-N
Formula: C5H10N2O4
SMILES: CON=[N+]([O-])C(C)C(=O)OC
Mol. weight [g/mol]: 162.14

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.12		Crippen Method
logp	0.072		Crippen Method
mcvol	116.150	ml/mol	McGowan Method
rinpol	1192.00		NIST Webbook
rinpol	1192.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R121410&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
rinpol: Non-polar retention indices

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