1-(1-Methoxycarbonylethyl)-2-isopropoxydiazen-1

Inchi: InChI=1S/C7H14N2O4/c1-5(2)13-8-9(11)6(3)7(10)12-4/h5-6H,1-4H3
InchiKey: YXIGZFQWFSAIPR-UHFFFAOYSA-N
Formula: C7H14N2O4
SMILES: COC(=O)C(C)[N+]([O-])=NOC(C)C
Mol. weight [g/mol]: 190.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	0.850		Crippen Method
mcvol	144.330	ml/mol	McGowan Method
rinpol	1300.00		NIST Webbook

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=R121405&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices