1-Butoxycarbonylmethyl-2-butoxydiazen-1-oxide

Inchi: InChI=1S/C10H20N2O4/c1-3-5-7-15-10(13)9-12(14)11-16-8-6-4-2/h3-9H2,1-2H3/b12-11
InchiKey: YUZORQQRUFBLHE-QXMHVHEDSA-N
Formula: C10H20N2O4
SMILES: CCCCON=[N+]([O-])CC(=O)OCCCC
Mol. weight [g/mol]: 232.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	2.024		Crippen Method
mcvol	186.600	ml/mol	McGowan Method
rinpol	1664.00		NIST Webbook
rinpol	1664.00		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=R121470&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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.