# 1-Methoxycarbonylmethyl-2-methoxydiazen-1-oxi

**Inchi:** InChI=1S/C4H8N2O4/c1-9-4(7)3-6(8)5-10-2/h3H2,1-2H3
**InchiKey:** XLRYDCNJOHAIED-UHFFFAOYSA-N
**Formula:** C4H8N2O4
**SMILES:** CON=[N+]([O-])CC(=O)OC
**Mol. weight [g/mol]:** 148.12

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 0.41 | | Crippen Method |
| logp | -0.317 | | Crippen Method |
| mcvol | 102.060 | ml/mol | McGowan Method |
| rinpol | 1184.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R121534&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**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
**rinpol:** Non-polar retention indices