

# 1-(1-Isopropoxycarbonyl-1-methylethyl)-2-isopropoxy

**Inchi:** InChI=1S/C10H20N2O4/c1-7(2)15-9(13)10(5,6)12(14)11-16-8(3)4/h7-8H,1-6H3  
**InchiKey:** CAVNGPYFHGVEIF-UHFFFAOYSA-N  
**Formula:** C10H20N2O4  
**SMILES:** CC(C)ON=[N+](O-)[C](C)(C)C(=O)OC(C)C  
**Mol. weight [g/mol]:** 232.28

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -2.43   |        | Crippen Method |
| logp          | 2.019   |        | Crippen Method |
| mcvol         | 186.600 | ml/mol | McGowan Method |
| rinpol        | 1389.00 |        | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=R121272&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

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