

CIOO

Inchi: InChI=1S/CIO2/c1-3-2
InchiKey: ASCHNMXUWBEZDM-UHFFFAOYSA-N
Formula: CIO2
SMILES: [O]OCI
Mol. weight [g/mol]: 67.45
CAS: 17376-09-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.93		Crippen Method
logp	0.502		Crippen Method
mcvol	32.690	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
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=C17376099&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/57-415-8/CIOO.pdf>

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