

# triclofos

|                             |   |
|-----------------------------|---|
| <b>Inchi:</b>               | InChI=1S/C2H4Cl3O4P/c3-2(4,5)1-9-10(6,7)8/h1H2,(H2,6,7,8) |
| <b>InchiKey:</b>            | YYQRGCZGSFRBAM-UHFFFAOYSA-N                               |
| <b>Formula:</b>             | C2H4Cl3O4P  |
| <b>SMILES:</b>              | O=P(O)(O)OCC(Cl)(Cl)Cl                                    |
| <b>Mol. weight [g/mol]:</b> | 229.38  |
| <b>CAS:</b>                 | 306-52-5  |

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -3.10   |        | Crippen Method |
| logp          | 1.466   |        | Crippen Method |
| mcvol         | 119.700 | ml/mol | McGowan Method |

## Sources

|                        |   |
|------------------------|---|
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C306525&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C306525&amp;Units=SI</a> |
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| <b>McGowan Method:</b> | <a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>                     |

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/102-709-1/triclofos.pdf>

Generated by Cheméo on 2024-04-29 06:30:44.827173514 +0000 UTC m=+16661493.747750829.

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