

Bis(2-chlorophenyl) 4-cyclohexylphenyl phosphate

| | |
|-----------------------------|--|
| Inchi: | InChI=1S/C24H23Cl2O4P/c25-21-10-4-6-12-23(21)29-31(27,30-24-13-7-5-11-22(24)26)2 |
| InchiKey: | NQRPBRSZGDZXHX-UHFFFAOYSA-N |
| Formula: | C24H23Cl2O4P |
| SMILES: | O=P(Oc1ccc(C2CCCCC2)cc1)(Oc1ccccc1Cl)Oc1ccccc1Cl |
| Mol. weight [g/mol]: | 477.32 |
| CAS: | 116295-51-3 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -10.84 | | Crippen Method |
| logp | 8.686 | | Crippen Method |
| mcvol | 335.300 | ml/mol | McGowan Method |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C116295513&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |

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/75-798-4/Bis-2-chlorophenyl-4-cyclohexylphenyl-phosphate.pdf>

Generated by Cheméo on 2024-04-27 10:22:10.787021174 +0000 UTC m=+16502579.707598489.

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