

Chloro-bis(n-propyloxy)borane

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|-----------------------------|--|
| Inchi: | InChI=1S/C6H14BClO2/c1-3-5-9-7(8)10-6-4-2/h3-6H2,1-2H3 |
| InchiKey: | CAJRLLAFKJVCQZ-UHFFFAOYSA-N |
| Formula: | C6H14BClO2 |
| SMILES: | CCCOB(Cl)OCCC |
| Mol. weight [g/mol]: | 164.44 |
| CAS: | 29877-93-8 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| ie | 10.45 | eV | NIST Webbook |
| log10ws | 0.09 | | Crippen Method |
| logp | 2.063 | | Crippen Method |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C29877938&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

Legend

| | |
|-----------------|-------------------------------------|
| ie: | Ionization energy |
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |

Latest version available from:

<https://www.chemeo.com/cid/16-719-6/Chloro-bis-n-propyloxy-borane.pdf>

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