

1-Chloro-1,2,2-tris(2-chloroethenyl)diarsine

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|-----------------------------|-----------------------------------------------------------------------|
| Other names: | (ClCH=CH) ₂ As-As(CH=CHCl)Cl |
| Inchi: | InChI=1S/C6H6As2Cl4/c9-4-1-7(2-5-10)8(12)3-6-11/h1-6H/b4-1+,5-2+,6-3+ |
| InchiKey: | NIVRSLLBDURJAX-GZDDRBCLSA-N |
| Formula: | C ₆ H ₆ As ₂ Cl ₄ |
| SMILES: | ClC=C[As](Cl)[As](C=CCl)C=CCl |
| Mol. weight [g/mol]: | 369.77 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.02 | | Crippen Method |
| logp | 3.665 | | Crippen Method |
| rinpol | 1924.00 | | NIST Webbook |
| rinpol | 1924.00 | | NIST Webbook |

Sources

| | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U360305&Units=SI |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| rinpol: | Non-polar retention indices |

Latest version available from:

<https://www.chemeo.com/cid/73-076-7/1-Chloro-1-2-2-tris-2-chloroethenyl-diarsine.pdf>

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