

Phenyl chloropropanethio arsine

Inchi: InChI=1S/C9H12AsClS/c1-2-8-12-10(11)9-6-4-3-5-7-9/h3-7H,2,8H2,1H3
InchiKey: YHJSEBGBIKINEJ-UHFFFAOYSA-N
Formula: C9H12AsClS
SMILES: CCCS[As](Cl)c1ccccc1
Mol. weight [g/mol]: 262.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.38		Crippen Method
logp	2.764		Crippen Method
rinpol	1720.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R514713&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/24-161-6/Phenyl-chloropropanethio-arsine.pdf>

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