Phenyldipropanethio arsine

Inchi: InChI=1S/C12H19AsS2/c1-3-10-14-13(15-11-4-2)12-8-6-5-7-9-12/h5-9H,3-4,10-11H2,1-2
InchiKey: KCUIMGOQGHQFOQ-UHFFFAOYSA-N
Formula: C12H19AsS2
SMILES: CCCS[As](SCCC)c1ccccc1
Mol. weight [g/mol]: 302.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.36		Crippen Method
logp	3.668		Crippen Method
rinpol	1998.00		NIST Webbook
rinpol	1998.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R514728&Units=SI

Legend

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