

Arsenous acid, tris(trimethylsilyl) ester

Inchi: InChI=1S/C9H27AsO3Si3/c1-14(2,3)11-10(12-15(4,5)6)13-16(7,8)9/h1-9H3
InchiKey: CWZNQWMMDOIFQC-UHFFFAOYSA-N
Formula: C9H27AsO3Si3
SMILES: C[Si](C)(C)O[As](O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 342.49
CAS: 55429-29-3

Physical Properties

Property code	Value	Unit	Source
log10ws	5.75		Crippen Method
logp	3.526		Crippen Method
rinpol	1149.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55429293&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/41-557-8/Arsenous-acid-tris-trimethylsilyl-ester.pdf>

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