

Silanol, trimethyl-, triester with arsenic acid

Inchi: InChI=1S/C9H27AsO4Si3/c1-15(2,3)12-10(11,13-16(4,5)6)14-17(7,8)9/h1-9H3
InchiKey: QCVZWLJCTBQLBC-UHFFFAOYSA-N
Formula: C9H27AsO4Si3
SMILES: C[Si](C)(C)O[As](=O)(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 358.49
CAS: 17921-76-5

Physical Properties

Property code	Value	Unit	Source
log10ws	1.31		Crippen Method
logp	3.407		Crippen Method
rinpol	1353.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C17921765&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/63-211-7/Silanol-trimethyl-triester-with-arsenic-acid.pdf>

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