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

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17921765&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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