Pyruvic acid ditbdms

Other names:	2-Ketopropionic acid ditbdms
	Pyruvic acid, DMTBS
	Pyruvic acid, TBDMS
Inchi:	InChI=1S/C15H32O3Si2/c1-12(17-19(8,9)14(2,3)4)13(16)18-20(10,11)15(5,6)7/h1H2,2-1
InchiKey:	IWHIWOKJVFOXFC-UHFFFAOYSA-N
Formula:	C15H32O3Si2
SMILES:	C=C(O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	316.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.50		Crippen Method
logp	5.070		Crippen Method
rinpol	1590.00		NIST Webbook
rinpol	1535.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332347&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.