

2H4-SUCCINIC ACID (2TMS)

Other names:	SUCCINIC ACID-D4-2TMS
Inchi:	InChI=1S/C10H22O4Si2/c1-15(2,3)13-9(11)7-8-10(12)14-16(4,5)6/h7-8H2,1-6H3/i7D2,8
InchiKey:	QUUDZINXVRFXMLB-OSEHSPNSA-N
Formula:	C10H18D4O4Si2
SMILES:	C[Si](C)(C)OC(=O)CCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	266.47

Physical Properties

Property code	Value	Unit	Source
log10ws	2.16		Crippen Method
logp	2.523		Crippen Method
rinpol	1318.90		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R414905&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

Latest version available from:

<https://www.chemeo.com/cid/48-648-0/2H4-SUCCINIC-ACID-2TMS.pdf>

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