

Oxalacetic acid, enol-(tert-butyldimethylsilyl) ether, bis(tert-butyldimethylsilyl) ester

Inchi: InChI=1S/C22H46O5Si3/c1-20(2,3)28(10,11)25-17(19(24)27-30(14,15)22(7,8)9)16-18(23)
InchiKey: KPTKAWGLDFVNBA-MSUUIHNZSA-N
Formula: C22H46O5Si3
SMILES: CC(C)(C)[Si](C)(C)OC(=O)C=C(O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 474.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.35		Crippen Method
logp	6.989		Crippen Method
rinpol	2116.30		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333174&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

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