

«alpha»-Ketoglutaric acid, tert-butyl dimethylsilyl ether, bis(tert-butyl dimethylsilyl) ester

InChI: InChI=1S/C23H48O5Si3/c1-21(1,3)29(10,11)26-18(20(25)28-31(14,15)23(7,8)9)16-17-19
InChIKey: ZROFXMRAYAXTRJ-VLGSPFGOSA-N

Formula: C₂₃H₄₈O₅Si₃

SMILES: CC(C)(C)[Si](C)(C)OC(=O)CC=C(O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 488.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.76		Crippen Method
logp	7.379		Crippen Method
rinpol	2222.70		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352608&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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