

6-tert-Butyl-2,4-bis(trimethylsilyl)-1,2,4-triazine-3,5-dione

Other names:	1,2,4-Triazine-3,5-dione, 6-(1,1-dimethylethyl)-2,4-bis(trimethylsilyl)-
Inchi:	InChI=1S/C13H27N3O2Si2/c1-13(2,3)10-11(17)15(19(4,5)6)12(18)16(14-10)20(7,8)9/h1
InchiKey:	OZBOTOWRNGPTBF-UHFFFAOYSA-N
Formula:	C13H27N3O2Si2
SMILES:	CC(C)(C)c1nn([Si](C)(C)C)c(=O)n([Si](C)(C)C)c1=O
Mol. weight [g/mol]:	313.54

Physical Properties

Property code	Value	Unit	Source
log10ws	1.93		Crippen Method
logp	2.068		Crippen Method
rinpol	1570.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373082&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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<https://www.chemeo.com/cid/32-144-6/6-tert-Butyl-2-4-bis-trimethylsilyl-1-2-4-triazine-3-5-dione.pdf>

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