N-(2-Furylmethyl)-N-tert-butyldimethylsilyl-9H-pur

Other names: 9H-Purin-6-amine, N-(2-furanylmethyl)-N-tert-butyldimethylsilyl-
Inchi: InChI=1S/C16H23N5OSi/c1-16(2,3)23(4,5)21(9-12-7-6-8-22-12)15-13-14(18-10-17-13)19
InchiKey: VXXRMPHEJMZLAN-UHFFFAOYSA-N
Formula: C16H23N5OSi
SMILES: CC(C)(C)[Si](C)(C)N(Cc1ccco1)c1ncnc2[nH]cnc12
Mol. weight [g/mol]: 329.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.69		Crippen Method
logp	3.476		Crippen Method
rinpol	2592.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373110&Units=SI

Legend

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