

# N-Acetyl-L-aspartic acid, bis(tert-butyldimethylsilyl) ester

Other names:	N-Acetylaspartic acid, TBDMS
Inchi:	InChI=1S/C18H37NO5Si2/c1-13(20)19-14(16(22)24-26(10,11)18(5,6)7)12-15(21)23-25(8)
InchiKey:	HCYCYJSKFSETNQ-UHFFFAOYSA-N
Formula:	C18H37NO5Si2
SMILES:	CC(=O)NC(CC(=O)O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	403.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.26		Crippen Method
logp	3.978		Crippen Method
rinpol	2104.00		NIST Webbook
rinpol	2104.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U364325&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U364325&amp;Units=SI</a>

## Legend

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

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