

# Pyrimidine, 6-amino-4-hydroxy-5-(3-carboxypropionyl)amino,

**TMS**

**InchiKey:**

InChI=1S/C17H34N4O4Si3/c1-26(2,3)21-16-15(17(19-12-18-16)25-28(7,8)9)20-13(22)10

YTDYLZKOUHTLKG-UHFFFAOYSA-N

**Formula:**

C17H34N4O4Si3

**SMILES:**

C[Si](C)(C)Nc1ncnc(O[Si](C)(C)C)c1NC(=O)CCC(=O)O[Si](C)(C)C

**Mol. weight [g/mol]:**

442.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.88		Crippen Method
logp	4.034		Crippen Method
rmpol	2192.00		NIST Webbook
rmpol	2192.00		NIST Webbook

## Sources

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:**

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R387056&Units=SI>

## Legend

**log10ws:**

Log10 of Water solubility in mol/l

**logp:**

Octanol/Water partition coefficient

**rmpol:**

Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/113-823-2/Pyrimidine-6-amino-4-hydroxy-5-3-carboxypropionyl-amino-TMS.pdf>

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