

# Asparagine, MTH-TMS

**Inchi:** InChI=1S/C12H25N3O2SSi2/c1-15-11(17-20(5,6)7)9(13-12(15)18)8-10(16)14-19(2,3)4/h  
**InchiKey:** PQFRUYCGEQQTFS-UHFFFAOYSA-N  
**Formula:** C12H25N3O2SSi2  
**SMILES:** Cn1c(O[Si](C)(C)C)c(CC(=O)N[Si](C)(C)C)[nH]c1=S  
**Mol. weight [g/mol]:** 331.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	2.308		Crippen Method
rinpol	2016.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R525387&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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