

# Saccharopine, TMS # 1

**Inchi:** InChI=1S/C20H44N2O6Si3/c1-29(2,3)26-18(23)14-13-17(20(25)28-31(7,8)9)22-15-11-10  
**InchiKey:** WBNZXSJGLOMBOE-UHFFFAOYSA-N  
**Formula:** C20H44N2O6Si3  
**SMILES:** C[Si](C)(C)OC(=O)CCC(NCCCC(N)C(=O)O[Si](C)(C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 492.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.22		Crippen Method
logp	3.357		Crippen Method
rinsol	2427.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401548&Units=SI>  
**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)

## Legend

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

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<https://www.cheméo.com/cid/95-353-5/Saccharopine-TMS-1.pdf>

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