

# p-Synephrine. DTFMB-TBDMS

**Inchi:** InChI=1S/C30H43F6NO3Si2/c1-27(2,3)41(8,9)39-24-14-12-20(13-15-24)25(40-42(10,11)36)37-28-29-38-35-34-33-32-31  
**InchiKey:** JRWBGNNLGJPDEB-UHFFFAOYSA-N  
**Formula:** C30H43F6NO3Si2  
**SMILES:** CN(CC(O[Si](C)(C)C(C)(C)C)c1ccc(O[Si](C)(C)C(C)(C)C)cc1)C(=O)c1cc(C(F)(F)F)cc(C(F)(F)F)c1  
**Mol. weight [g/mol]:** 635.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.23		Crippen Method
logp	9.943		Crippen Method
rinpol	2688.00		NIST Webbook
rinpol	2688.00		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=R54200&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/113-256-2/p-Synephrine-DTFMB-TBDMS.pdf>

Generated by Cheméo on 2024-04-26 19:39:29.69693942 +0000 UTC m=+16449618.617516731.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.