# Dopamine, N-DTFMB-TMS

**Inchi:** InChI=1S/C23H29F6NO3Si2/c1-34(2,3)32-19-8-7-15(11-20(19)33-35(4,5)6)9-10-30-21(3
**InchiKey:** PYXIZYRTPJQVIZ-UHFFFAOYSA-N
**Formula:** C23H29F6NO3Si2
**SMILES:** C[Si](C)(C)Oc1ccc(CCNC(=O)c2cc(C(F)(F)F)cc(C(F)(F)F)c2)cc1O[Si](C)(C)C
**Mol. weight [g/mol]:** 537.64

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.07 | | Crippen Method |
| logp | 7.124 | | Crippen Method |
| rinpol | 2314.00 | | NIST Webbook |
| rinpol | 2314.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R164957&Units=SI

## Legend

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