

# m-Synephrine, N-DTFMB-TMS

<b>Other names:</b>	m-Synephrine, DTFMB-TMS
<b>Inchi:</b>	InChI=1S/C24H31F6NO3Si2/c1-31(22(32)17-11-18(23(25,26)27)14-19(12-17)24(28,29)3
<b>InchiKey:</b>	YNNAAKHUVJFAQK-UHFFFAOYSA-N
<b>Formula:</b>	C24H31F6NO3Si2
<b>SMILES:</b>	CN(CC(O[Si](C)(C)C)c1cccc(O[Si](C)(C)C)c1)C(=O)c1cc(C(F)(F)F)cc(C(F)(F)F)c1
<b>Mol. weight [g/mol]:</b>	551.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.72		Crippen Method
logp	7.603		Crippen Method
rinpol	2220.00		NIST Webbook
rinpol	2220.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R54157&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R54157&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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<https://www.chemeo.com/cid/32-339-0/m-Synephrine-N-DTFMB-TMS.pdf>

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