

ARABINOSE MEOX 4TMS

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| Other names: | Arabinose, MO-TMS |
| Inchi: | InChI=1S/C18H45NO5Si4/c1-20-19-14-16(22-26(5,6)7)18(24-28(11,12)13)17(23-27(8,9) |
| InchiKey: | ZBEJHGUYYNELJI-KURKYZTESA-N |
| Formula: | C18H45NO5Si4 |
| SMILES: | CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C |
| Mol. weight [g/mol]: | 467.90 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 4.51 | | Crippen Method |
| logp | 5.130 | | Crippen Method |
| rinpola | 1658.00 | | NIST Webbook |
| rinpola | 1680.00 | | NIST Webbook |
| rinpola | 1690.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=R438783&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/11-565-2/ARABINOSE-MEOX-4TMS.pdf>

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