

Phenanthrene, 9,10-dihydro-trans-9,10-diol, DTBS

Inchi: InChI=1S/C22H28O2Si/c1-21(2,3)25(22(4,5)6)23-19-17-13-9-7-11-15(17)16-12-8-10-14-
InchiKey: WEEBMLUMSOLDIX-PMACEKPBSA-N
Formula: C22H28O2Si
SMILES: CC(C)(C)[Si]1(C(C)(C)C)OC2c3ccccc3-c3ccccc3C2O1
Mol. weight [g/mol]: 352.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.71		Crippen Method
logp	6.539		Crippen Method
rinpol	2370.00		NIST Webbook
rinpol	2370.00		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=R115485&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/48-036-9/Phenanthrene-9-10-dihydro-trans-9-10-diol-DTBS.pdf>

Generated by Cheméo on 2025-12-23 00:45:59.165426167 +0000 UTC m=+6198956.695466820.

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