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Typical Product Specifications & Properties

Tetracosamethylcyclododecasiloxane

CAS Number: : 14174-09-5

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 448.51 |
| SMILES | <chem>c12c(OCCOCCOCCOc3c(OCCOCCOCCO1)cccc3)cccc2</chem> |
| InChI | 1S/C24H32O8/c1-2-6-22-21(5-1)29-17-13-25-9-10-27-15-19-31-23-7-3-4-8-24(23)32-20-16-28-12-11-26-14-18-30-22/h1-8H,9-20H2 |
| InChIKey | UNTITLLXXOKDTB-UHFFFAOYSA-N |
| Henry's Law Constant | 1.65E-16 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 1.21E-10 cm ³ /molecule-sec |
| Melting Point | 103-105 ° C |
| log P (octanol-water) | 2.11 |
| Vapor Pressure | 1.11E-11 mm Hg |
| Water solubility | 1.870 mg/L |



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