

# 2-Furoic acid, (3-cyanopropyl)dimethylsilyl ester

|                      |   |
|----------------------|---|
| Inchi:               | InChI=1S/C11H15NO3Si/c1-16(2,9-4-3-7-12)15-11(13)10-6-5-8-14-10/h5-6,8H,3-4,9H2,1 |
| InchiKey:            | RKVUOCWWGPZUNX-UHFFFAOYSA-N   |
| Formula:             | C11H15NO3Si   |
| SMILES:              | C[Si](C)(CCCC#N)OC(=O)c1ccco1   |
| Mol. weight [g/mol]: | 237.33  |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.46   |      | Crippen Method |
| logp          | 2.945   |      | Crippen Method |
| rinpol        | 1689.00 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |
| Crippen Method: | <a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>                         |
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U375492&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U375492&amp;Units=SI</a> |

## Legend

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

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