

1-Aminocyclopropanecarboxylic acid, tert-butyldimethylsilyl ester

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|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| Other names: | tert-Butyl(dimethyl)silyl 1-aminocyclopropanecarboxylate 1-Aminocyclopropanecarboxylic acid, tbdms derivative |
| Inchi: | InChI=1S/C10H21NO2Si/c1-9(2,3)14(4,5)13-8(12)10(11)6-7-10/h6-7,11H2,1-5H3 |
| InchiKey: | PFKCQYJPHAMQDX-UHFFFAOYSA-N |
| Formula: | C10H21NO2Si |
| SMILES: | CC(C)(C)[Si](C)(C)OC(=O)C1(N)CC1 |
| Mol. weight [g/mol]: | 215.36 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.36 | | Crippen Method |
| logp | 2.026 | | Crippen Method |
| rinpola | 1251.80 | | NIST Webbook |
| rinpola | 1251.80 | | NIST Webbook |

Sources

| | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U332914&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |

Legend

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

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