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## Typical Product Specifications & Properties

# 1,4-Difluorobenzene

CAS Number: : 540-36-3

| Specifications               | Limits                                 |
|------------------------------|--|
| Molecular weight             | 114.09                                 |
| EINECS                       | 208-742-9                              |
| SMILES                       | <chem>c1(ccc(F)cc1)F</chem>            |
| InChI                        | 1S/C6H4F2/c7-5-1-2-6(8)4-3-5/h1-4H     |
| InChIKey                     | QUGUFLJIAFISSW-UHFFFAOYSA-N            |
| Henry's Law Constant         | 7.34E-03 atm-m <sup>3</sup> /mole      |
| log P (octanol-water)        | 2.13                                   |
| Melting Point                | -1.30E+01 &deg; C                      |
| Water solubility             | 1220 mg/L                              |
| Atmospheric OH Rate Constant | 8.24E-13 cm <sup>3</sup> /molecule-sec |
| Boiling Point                | 89 &deg; C                             |
| Refractive Index             | 1.441                                  |



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| Specifications      | Limits          |
|---------------------|-----------------|
| Density             | 1.17            |
| Merck               | 14,3148         |
| BRN Number          | 1904541         |
| Storage Temperature | Flammables area |
| Melting Point       | -13 &deg;C      |
| Boiling Point       | 88-89 &deg;C    |
| Flash Point         | 36 &deg;F       |



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