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## Typical Product Specifications & Properties

# Hexafluoroacetone Derivatives

CAS Number: : 684-16-2

| Specifications               | Limits                               |
|------------------------------|--------------------------------------|
| Molecular weight             | 166.02                               |
| EINECS                       | 211-676-3                            |
| SMILES                       | <chem>C(C(C(F)(F)F)=O)(F)(F)F</chem> |
| InChI                        | 1S/C3F6O/c4-2(5,6)1(10)3(7,8)9       |
| InChIKey                     | VBZWSGALLODQNC-UHFFFAOYSA-N          |
| Boiling Point                | -2.74E+01 &deg; C                    |
| Melting Point                | -1.25E+02 &deg; C                    |
| Atmospheric OH Rate Constant | 0.0 cm <sup>3</sup> /molecule-sec    |
| log P (octanol-water)        | 1.46                                 |
| Water solubility             | 3640 mg/L                            |
| Vapor Pressure               | 2230 mm Hg                           |
| Henry's Law Constant         | 3.07E-03 atm-m <sup>3</sup> /mole    |



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| Specifications | Limits                    |
|----------------|---------------------------|
| Density        | 1,32 g/cm3                |
| Melting Point  | -129 &deg;C               |
| Vapor Pressure | 4525 mm Hg ( 21.1 &deg;C) |
| Boiling Point  | -26 &deg;C                |
| Vapor Density  | 1.65                      |



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