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## Typical Product Specifications & Properties

# 17-Methyltestosterone

CAS Number: : 58-18-4

| Specifications               | Limits                                                                                                                                      |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight             | 302.45                                                                                                                                      |
| EINECS                       | 200-366-3                                                                                                                                   |
| InChI                        | 1S/C20H30O2/c1-18-9-6-14(21)12-13(18)4-5-15-16(18)7-10-19(2)17(15)8-11-20(19,3)22/h12,15-17,22H,4-11H2,1-3H3/t15?,16?,17?,18?,19?,20-/m1/s1 |
| InChIKey                     | GCKMFJBGXUYNAG-NSDIEPNESA-N                                                                                                                 |
| Melting Point                | 163.5 &deg; C                                                                                                                               |
| log P (octanol-water)        | 3.36                                                                                                                                        |
| Henry's Law Constant         | 4.68E-09 atm-m3/mole                                                                                                                        |
| Vapor Pressure               | 1.85E-08 mm Hg                                                                                                                              |
| Water solubility             | 33.9 mg/L                                                                                                                                   |
| Atmospheric OH Rate Constant | 1.03E-10 cm3/molecule-sec                                                                                                                   |
| Flash Point                  | 5 &deg;C                                                                                                                                    |
| Melting Point                | 162-168 &deg;C                                                                                                                              |



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| Specifications      | Limits                 |
|---------------------|------------------------|
| Color               | white                  |
| Solubility          | H2O: =0.5 mg/mL        |
| Merck               | 13,6148                |
| Alpha               | 79 ° (c=1, alcohol)    |
| Form                | solid (photosensitive) |
| Solubility          | H2O: =0.5 mg/mL        |
| Solubility          | H2O: =0.5 mg/mL        |
| Solubility          | H2O: =0.5 mg/mL        |
| Storage Temperature | 2-8&deg;C              |



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