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## Typical Product Specifications & Properties

# (2R,3R,4R,5R,6R)-2- [(2R,3S,4S,5S)-2,5- bis(chloromethyl)-3,4- dihydroxyoxolan-2-yl]oxy-5-chloro- 6-(hyd

CAS Number: : 207-08-9

| Specifications               | Limits                                                                             |
|------------------------------|------------------------------------------------------------------------------------|
| Molecular weight             | 252.31                                                                             |
| EINECS                       | 205-916-6                                                                          |
| InChI                        | 1S/C20H12/c1-2-6-15-12-19-17-10-4-8-13-7-3-9-16(20(13)17)18(19)11-14(15)5-1/h1-12H |
| InChIKey                     | HAXBIWFMXWRORI-UHFFFAOYSA-N                                                        |
| Atmospheric OH Rate Constant | 5.36E-11 cm <sup>3</sup> /molecule-sec                                             |
| Melting Point                | 217 °C                                                                             |
| Boiling Point                | 480 °C                                                                             |
| log P (octanol-water)        | 6.11                                                                               |
| Henry's Law Constant         | 5.84E-07 atm-m <sup>3</sup> /mole                                                  |
| Water solubility             | 8.00E-04 mg/L                                                                      |
| Stability                    | Stable. Combustible. Incompatible with strong oxidizin                             |
| Storage Temperature          | APPROX 4°C                                                                         |



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| Specifications | Limits                          |
|----------------|---------------------------------|
| Boiling Point  | 480 &deg;C                      |
| Melting Point  | 215-217 &deg;C                  |
| Solubility     | 95% ethanol:<1mg/mL at 20&deg;C |
| Density        | 1.286                           |
| Flash Point    | 100 &deg;C                      |



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