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## Typical Product Specifications & Properties

# Benzo(j)fluoranthene

CAS Number: : 205-82-3

| Specifications               | Limits                                                                             |
|------------------------------|------------------------------------------------------------------------------------|
| Molecular weight             | 252.31                                                                             |
| EINECS                       | 205-910-3                                                                          |
| SMILES                       | <chem>c12c(c3cccc4c3c1ccc4)ccc1c2cccc1</chem>                                      |
| InChI                        | KHNYNFUTFKJLDD-UHFFFAOYSA-N                                                        |
| InChIKey                     | 1S/C20H12/c1-2-8-15-13(5-1)11-12-17-16-9-3-6-14-7-4-10-18(19(14)16)20(15)17/h1-12H |
| Water solubility             | 0.0025 mg/L                                                                        |
| log P (octanol-water)        | 6.110                                                                              |
| Henry's Law Constant         | 2.03E-07 atm-m <sup>3</sup> /mole                                                  |
| Vapor Pressure               | 2.62E-08 mm Hg                                                                     |
| Melting Point                | 166 &deg; C                                                                        |
| Atmospheric OH Rate Constant | 5.36E-11 cm <sup>3</sup> /molecule-sec                                             |



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415 Huguenot Street, New Rochelle, New York 10801

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