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Typical Product Specifications & Properties

Benzanthrone

CAS Number: : 82-05-3

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 230.26 |
| EINECS | 201-393-3 |
| InChI | 1S/C17H10O/c18-17-14-8-2-1-7-12(14)13-9-3-5-11-6-4-10-15(17)16(11)13/h1-10H |
| InChIKey | HUKPVYBUJRAUAG-UHFFFAOYSA-N |
| Henry's Law Constant | 6.61E-08 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 1.80E-11 cm ³ /molecule-sec |
| log P (octanol-water) | 4.81 |
| Water solubility | 0.240 mg/L |
| Vapor Pressure | 2.21E-07 mm Hg |
| Melting Point | 170 ° C |
| Stability | Stable. Incompatible with strong oxidizing agents. |
| Merck | 14,1063 |



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| Specifications | Limits |
|----------------|----------------|
| BRN Number | 1455646 |
| Melting Point | 168-170 °C |



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