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Typical Product Specifications & Properties

Anthraquinone

CAS Number: : 84-65-1

Specifications	Limits
Molecular weight	208.21
EINECS	201-549-0
InChI	1S/C14H8O2/c15-13-9-5-1-2-6-10(9)14(16)12-8-4-3-7-11(12)13/h1-8H
InChIKey	RZVHIXYEVGDQDX-UHFFFAOYSA-N
Melting Point	284-286 °C
Density	1.438
BRN Number	390030
Vapor Density	7.16
Merck	14,687
Water solubility	<0.1 g/100 mL at 23 ºC
Flash Point	365 °F
Stability	Stable. Incompatible with strong oxidizing agents



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Specifications	Limits
Boiling Point	379-381 °C
Vapor Pressure	1 mm Hg (190 °C)
Vapor Pressure	1.16E-07 mm Hg
Atmospheric OH Rate Constant	1.50E-12 cm ³ /molecule-sec
Melting Point	286 °C
pKa Dissociation Constant	7.4
Boiling Point	377 °C
Water solubility	1.35 mg/L
log P (octanol-water)	3.39
Henry's Law Constant	2.35E-08 atm-m ³ /mole
Solubility	0.00007g/l
Storage Temperature	Storage temperature: no restrictions.



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Specifications	Limits
Color	Yellow-green to khaki to tan
Form	Powder



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