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## Typical Product Specifications & Properties

# Coronene

CAS Number: : 191-07-1

Specifications	Limits
Molecular weight	300.35
EINECS	205-881-7
SMILES	<chem>c1c2c3c4c5c6ccc4ccc3ccc2ccc2c1c5c(cc2)cc6</chem>
InChI	1S/C24H12/c1-2-14-5-6-16-9-11-18-12-10-17-8-7-15-4-3-13(1)19-20(14)22(16)24(18)23(17)21(15)19/h1-12H
InChIKey	VPUGDVKSAQVFFS-UHFFFAOYSA-N
Water solubility	1.40E-04 mg/L
Melting Point	437.3 &deg; C
log P (octanol-water)	7.64
Boiling Point	525 &deg; C
Henry's Law Constant	2.12E-08 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	5.00E-11 cm <sup>3</sup> /molecule-sec
Storage Temperature	2-8&deg;C



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Specifications	Limits
Melting Point	428 &deg;C
Color	Yellow to greenish
Form	Crystalline Powder
Flash Point	6 &deg;C
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Merck	2536
Boiling Point	525 &deg;C



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