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Typical Product Specifications & Properties

Diethylstilbestrol, USP

CAS Number: : 56-53-1

Specifications	Limits
Molecular weight	268.35
EINECS	200-278-5
InChI	1S/C18H20O2/c1-3-17(13-5-9-15(19)10-6-13)18(4-2)14-7-11-16(20)12-8-14/h5-12,19-20H,3-4H2,1-2H3/b18-17+
InChIKey	RGLYKWWBQGJZGM-ISLYRVAYSA-N
Melting Point	170.5 ° C
Henry's Law Constant	5.80E-12 atm-m ³ /mole
log P (octanol-water)	5.07
Atmospheric OH Rate Constant	1.75E-10 cm ³ /molecule-sec
Vapor Pressure	1.41E-08 mm Hg
Water solubility	12 mg/L
Storage Temperature	0-6°C
Merck	13,3155



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Specifications	Limits
Melting Point	170-172 °C
Stability	Isomerizes rapidly in Benzene, Chloroform, and Ether. Keep Shielded from light.
Water solubility	PRACTICALLY INSOLUBLE
Solubility	methanol: 0.1 g/mL, clear, faintly yellow



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