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Typical Product Specifications & Properties

Dinonyl phthalate

CAS Number: : 84-76-4

Specifications	Limits
Molecular weight	418.61
EINECS	201-560-0
SMILES	CCCCCCCCCOC(=O)c1ccccc1C(=O)OCCCCCCCCC
InChI	1S/C26H42O4/c1-3-5-7-9-11-13-17-21-29-25(27)23-19-15-16-20-24(23)26(28)30-22-18-14-12-10-8-6-4-2/h15-16,19-20H,3-14,17-18,21-22H2,1-2H3
InChIKey	DROMNWUQASBT FM-UHFFFAOYSA-N
Henry's Law Constant	1.41E-05 atm-m3/mole
Atmospheric OH Rate Constant	2.34E-11 cm3/molecule-sec
log P (octanol-water)	9.520
Melting Point	< 25 ° C
Water solubility	1.74E-05 mg/L
Vapor Pressure	5.14E-07 mm Hg
Density	0.98 g/mL at 20 °C



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Specifications	Limits
Boiling Point	279-287 °C
Flash Point	216°C
Refractive Index	1.486
Water solubility	<1 g/L (20 ºC)



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