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## Typical Product Specifications & Properties

# 4-(Biphenyl-4-yl)-4-oxobutanoic Acid

CAS Number: : 36330-85-5

Specifications	Limits
Molecular weight	254.28
InChI	1S/C16H14O3/c17-15(10-11-16(18)19)14-8-6-13(7-9-14)12-4-2-1-3-5-12/h1-9H,10-11H2,(H,18,19)
InChIKey	ZPAKPRAICRBAOD-UHFFFAOYSA-N
pKa Dissociation Constant	4.51
Vapor Pressure	8.14E-08 mm Hg
Henry's Law Constant	7.44E-12 atm-m <sup>3</sup> /mole
Melting Point	186 &deg; C
Atmospheric OH Rate Constant	1.06E-11 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	3.2
Water solubility	2.21 mg/L



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