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Typical Product Specifications & Properties

2,2-Dimethylbutyric Acid

CAS Number: : 595-37-9

Specifications	Limits
Molecular weight	116.16
EINECS	209-865-0
InChI	1S/C6H12O2/c1-4-6(2,3)5(7)8/h4H2,1-3H3,(H,7,8)
InChIKey	VUAXHMRKOTJKP-UHFFFAOYSA-N
Vapor Pressure	0.661 mm Hg
Henry's Law Constant	1.70E-06 atm-m3/mole
pKa Dissociation Constant	5.03
log P (octanol-water)	1.9
Boiling Point	186 ° C
Water solubility	6140 mg/L
Atmospheric OH Rate Constant	2.17E-12 cm3/molecule-sec
Melting Point	-1.40E+01 ° C



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Specifications	Limits
BRN Number	1720666
Boiling Point	94-96 °C5 mm Hg
Density	0.928 g/mL at 25 °C
Melting Point	-14°C
Decomposition	176-178 °C
Flash Point	175 °F
Refractive Index	1.4154



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