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Typical Product Specifications & Properties

Methoprene

CAS Number : 40596-69-8

Specifications	Limits
Molecular weight	310.47
EINECS	254-993-2
SMILES	<chem>COC(C)(C)CCCC(C)C\C=C\C(=C\C(=O)OC(C)C)\C</chem>
InChI	1S/C19H34O3/c1-15(2)22-18(20)14-17(4)11-8-10-16(3)12-9-13-19(5,6)21-7/h8,11,14-16H,9-10,12-13H2,1-7H3/b11-8+,17-14+
InChIKey	NFGXHKASABOEEW-LDRANXPESA-N
Henry's Law Constant	6.89E-06 atm-m ³ /mole
Water solubility	1.4 mg/L
Melting Point	< 25 ° C
Vapor Pressure	2.36E-05 mm Hg
log P (octanol-water)	5.5
Atmospheric OH Rate Constant	8.30E-11 cm ³ /molecule-sec



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