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## Typical Product Specifications & Properties

# Artemisinin

CAS Number: : 63968-64-9

Specifications	Limits
Molecular weight	282.33
SMILES	<chem>C1([C@@H]([C@@H]2CC[C@H]([C@@H]3CC[C@@]4(O[C@@H]([C@@]23OO4)O1)C)C)C)=O</chem>
InChI	1S/C15H22O5/c1-8-4-5-11-9(2)12(16)17-13-15(11)10(8)6-7-14(3,18-13)19-20-15/h8-11,13H,4-7H2,1-3H3/t8-,9-,10?,11?,13?,14-,15-/m1/s1
InChIKey	BLUAFEHZUWYNDE-DFFGHCKCSA-N
log P (octanol-water)	2.9
Vapor Pressure	2.18E-06 mm Hg
Atmospheric OH Rate Constant	4.33E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	4.92E-09 atm-m <sup>3</sup> /mole
Water solubility	51.9 mg/L



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