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## Typical Product Specifications & Properties

# Thymol blue

CAS Number: : 76-61-9

Specifications	Limits
Molecular weight	466.59
SMILES	<chem>c1cc2S(OC(c2cc1)(c1c(cc(c(c1)C(C)C)O)C)c1cc(c(cc1C)O)C(C)C(=O)=O</chem>
InChI	1S/C27H30O5S/c1-15(2)19-13-22(17(5)11-24(19)28)27(21-9-7-8-10-26(21)33(30,31)32-27)23-14-20(16(3)4)25(29)12-18(23)6/h7-16,28-29H,1-6H3
InChIKey	PRZSXZWFJHEZBJ-UHFFFAOYSA-N
Water solubility	110 mg/L
Atmospheric OH Rate Constant	2.05E-10 cm <sup>3</sup> /molecule-sec
Melting Point	223 dec &deg; C
log P (octanol-water)	7.210



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