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## Typical Product Specifications & Properties

# 2,4,6-Trinitroresorcinol

CAS Number: : 82-71-3

Specifications	Limits
Molecular weight	245.10
EINECS	201-436-6
SMILES	<chem>c1(c(c(cc(c1O)[N+](=O)[O-])[N+](=O)[O-])O)[N+](=O)[O-]</chem>
InChI	1S/C6H3N3O8/c10-5-2(7(12)13)1-3(8(14)15)6(11)4(5)9(16)17/h1,10-11H
InChIKey	IXHMHWIBCIYOAZ-UHFFFAOYSA-N
Henry's Law Constant	3.58E-11 atm-m <sup>3</sup> /mole
Vapor Pressure	2.57E-09 mm Hg
Atmospheric OH Rate Constant	2.81E-13 cm <sup>3</sup> /molecule-sec
Water solubility	5340 mg/L
Melting Point	175.5 &deg; C
log P (octanol-water)	1.060



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