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## Typical Product Specifications & Properties

# FD&C Red No. 3

CAS Number: : 16423-68-0

Specifications	Limits
Molecular weight	534.37
SMILES	<chem>n1(c2ccc(cc2)S(=O)(=O)[O-])c(c(c(n1)C(=O)[O-])/N=N/c1ccc(cc1)S(=O)(=O)[O-])O.[Na+].[Na+].[Na+]</chem>
InChI	UJMBCXLDXJUMFB-GLCFPVLVSA-K
InChIKey	1S/C16H12N4O9S2.3Na/c21-15-13(18-17-9-1-5-11(6-2-9)30(24,25)26)14(16(22)23)19-20(15)10-3-7-12(8-4-10)31(27,28)29;;;/h1-8,13H,(H,22,23)(H,24,25,26)(H,27,28,29);;;/q;3*+1/p-3/b18-17+;;;
Atmospheric OH Rate Constant	3.69E-11 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	-10.17



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