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Typical Product Specifications & Properties

Ponceau S

CAS Number: : 6226-79-5

Specifications	Limits
Molecular weight	760.57
EINECS	228-319-2
SMILES	<chem>c1cc(ccc1/N=N/c2ccc(c(c2)S(=O)(=O)[O-])/N=N/c3c4ccc(cc4cc(c3O)S(=O)(=O)[O-])S(=O)(=O)[O-].[Na+].[Na+].[Na+].[Na+]</chem>
InChI	KQHKSGRIBYJYFX-WNDMICSESA-J
InChIKey	1S/C22H16N4O13S4.4Na/c27-22-20(43(37,38)39)10-12-9-16(41(31,32)33)6-7-17(12)21(22)26-25-18-8-3-14(11-19(18)42(34,35)36)24-23-13-1-4-15(5-2-13)40(28,29)30;;;;/h1-11,27H,(H,28,29,30)(H,31,32,33)(H,34,35,36)(H,37,38,39);;;/q;4*+1/p-4/b24-23+,26-25+;;;;
Colour Index	27195
Water solubility	10 g/L
Stability	Stable. Incompatible with strong oxidizing agents.
Color	Red-brown
Storage Temperature	Store at room temperature.
Solubility	H2O: soluble 1mg/mL
Form	Powder/Solid



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Specifications	Limits
Density	1.01 g/mL at 20 °C
Refractive Index	1.338



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