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## Typical Product Specifications & Properties

# TRIS(2,2''-BIPYRIDYL)RUTHENIUM(II) CHLORIDE HEXAHYDRATE

CAS Number: : 50525-27-4

Specifications	Limits
Molecular weight	748.62
EINECS	238-266-7
SMILES	<chem>c1cc2ccc3c(c2nc1)nccc3.[Ru+2].c1cc2c(c3c(cccn3)cc2)nc1.c1cc2c(nc1)c1c(cc2)cc[Cl-].O.O.O.O.O.[Cl-]</chem>
InChI	UUSPGQXHSZVVNL-UHFFFAOYSA-L
InChIKey	1S/3C12H8N2.2ClH.6H2O.Ru/c3*1-3-9-5-6-10-4-2-8-14-12(10)11(7-1;;;;;;;;;;/h3*1-8H;2*1H;6*1H2;/q;;;;;;;;;;+2/p-2
Stability	Stable, but may discolour upon exposure to light. Incompatible strong oxidizing agents.
Water solubility	Soluble in water.
Melting Point	>300 &deg;C
Form	powder



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