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Typical Product Specifications & Properties

Neutral Red

CAS Number: : 553-24-2

Specifications	Limits
Molecular weight	288.78
SMILES	<chem>c12c(nc3cc(C)c(cc3n1)N)ccc(c2)N(C)C.Cl</chem>
pKa Dissociation Constant	6.7
log P (octanol-water)	-0.330
Atmospheric OH Rate Constant	5.32E-11 cm ³ /molecule-sec
Water solubility	4.00E+04 mg/L
Color	Very dark green
Storage Temperature	Store at 0-5°C
Colour Index	50040
Stability	Stable. Incompatible with strong oxidizing agents.
Solubility	H ₂ O: soluble 10mg/mL
Melting Point	290 °C (dec.)



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Specifications	Limits
Water solubility	50 g/L
Form	Solid
Merck	6488



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