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Typical Product Specifications & Properties

Mercurochrome

CAS Number: : 129-16-8

Specifications	Limits
Molecular weight	750.65
EINECS	204-933-6
SMILES	<chem>c1ccc2c(c1)C(=O)OC23c4cc(c(cc4Oc5c3cc(c(c5[Hg]O)[O-])Br)[O-])Br.[Na+].[Na+]</chem>
InChI	JXQGSRKVFQSVTR-UHFFFAOYSA-K
InChIKey	1S/C20H9Br2O5.Hg.2Na.H2O/c21-13-5-11-17(7-15(13)23)26-18-8-16(24)14(22)6-12(18)20(11)10-4-2-1-3-9(10)19(25)27-20;;;;/h1-7,23-24H;;;;1H2/q;3*+1;/p-3
log P (octanol-water)	1.410
Water solubility	2.00E+04 mg/L
Atmospheric OH Rate Constant	1.96E-10 cm ³ /molecule-sec
Storage Temperature	Poison room
Color	green
Form	crystalline
Melting Point	=300 °C



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Specifications	Limits
Stability	Stable. Incompatible with strong oxidizing agents, strong acids.
Merck	13,5892



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