



Malachite Green

Potential applications for malachite green oxalate include the removal of organic pollutants from wastewater. These impurities can be eliminated from the water by the adsorption method. Malachite green oxalate exhibits potential in this regard, even though the precise mechanisms still need to be explored. There are certain worries about Malachite green's possible effects. Research indicates that malachite green oxalate may be cytotoxic, or harmful to cells. To completely understand the depth of this cytotoxicity more research is required.

Cat. Number	ASC-1034
CAS Number	2437-29-8
Additional CAS	4569-64-2
Additional CAS	13425-25-7
MDL Number	MFCD00151209
PubChem	310275977
Molecular Weight	927.02 g/mol
Molecular Formula	C ₅₂ H ₅₄ N ₄ O ₁₂
Storage Temperature	+20°C
Form and Color	Powder, Metallic Green to Dark Green Crystalline
Solubility (0.1% in water)	Clear, Dark Blue to Green Solution
Wavelength of Maximum Absorption (λ _{max})	610.0 - 620.0 nm
Absorptivity (E1%, 1cm cell)	≥ 1650 (at λ _{max})
Loss on Drying	≤ 7.0%
Dye Content	≥ 90.0%