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# **DATASHEET**

Chrysomycin A

### **Product overview**

 Name
 Chrysomycin A

 Cat No
 HB3835

 Purity
 >98%

**Description** Topoisomerase II inhibitor

## **Biological Data**

Biological description Antibiotic. Topoisomerase II inhibitor. Mediates a unique cross-linking reaction between DNA and

histidine H3. Anti-neoplastic. Photosensitizing compound. Antitumor compound against human cell

lines.

# **Solubility & Handling**

Storage instructions

+4°C

**Storage of solutions** Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

### **Chemical Data**

Molecular Weight Chemical structure CAS Number

PubChem identifier SMILES

 $\label{eq:coc1} \text{COc1cc}(\text{C=C}) \text{cc2C}(\text{=O}) \text{Oc3c}(\text{cc}(\text{OC}) \text{c4c}(\text{O}) \text{ccc}(\text{[C@@H]5O[C@H](C)[C@H](O)[C@@](C)(O)[C@H](O)[C@H$ 

]5O)c34)c12

InChiKey OMDANBMKOUVKAG-WZNMFJNZSA-N

**Appearance** Yellow to greenish solid