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DATASHEET

Chrysomycin B

Product overview

Name Chrysomycin B HB3836 Cat No **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. Less potent than chrysomycin A.

Solubility & Handling

Storage instructions 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

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

Important

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 496.5

CAS Number PubChem identifier

SMILES InChiKey Appearance 83852-56-6

COc1cc(C)cc2C(=O)Oc3c(cc(OC)c4c(O)ccc(C5OC(C)C(O)C(O)(C)(O)C5O)c34)c12

BJPYMDSMDBCKEP-QSMCFSHASA-N

Yellow to greenish solid