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DATASHEET

UK-1

Product overview

Name UK-1 Cat No HB4117 **Purity** >98%

Description Topoisomerase II inhibitor

Biological Data

Biological description Antibiotic. Antifungal. Topoisomerase II (Topo II) inhibitor. Mg2+- and Zn2+-dependent DNA binding

agent. Potent anticancer compound.

Solubility & Handling

+4°C 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

Chemical name Methyl 2'-(2-hydroxyphenyl)-oxazole]-4-carboxylate;

2'-(2-Hydroxyphenyl)-(2,4'-Bibenzoxazole)-4-carboxylic acid methyl ester

 $COC(=O)c1cccc2oc(nc12)c3cccc4O \setminus C(Nc34) = C \setminus 5C = CC = CC5 = O$

Molecular Weight 386.4

Chemical structure

151271-53-3

CAS Number

PubChem identifier SMILES

NGKIDJMAXLRJRL-UHFFFAOYSA-N InChiKey

Appearance White to off-white solid