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DATASHEET

Rebeccamycin

Product overview

Name Rebeccamycin
Cat No HB4052
Purity >98%

Description Weak topoisomerase I inhibitor. Shows no activity against protein kninases.

Biological Data

Biological description Antibiotic. Weak topoisomerase I (Topo I) inhibitor. Structurally similar to staurosporine. Does not show

any inhibitory activity against protein kinases. Shows significant antitumor properties in vitro (IC₅₀ = 480 nM against mouse B16 melanoma cells and IC₅₀ = 500 nM against P388 leukemia cells).

Solubility & Handling

Storage instructions

+4°C

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 CAS Number PubChem identifier

0

SMILES

CO[C@H]1[C@H](O)[C@@H](O)[C@@H](O[C@@H]1CO)n2c3c(CI)cccc3c4c2c5[nH]c6c(CI)cccc6

c5c7C(=O)NC(=O)c47

InChiKey

QEHOIJJIZXRMAN-UMHCKEELSA-N

Appearance

Yellow solid