Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



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 ($IC_{50} =$ 480 nM against mouse B16 melanoma cells and $IC_{50} = 500$ nM against P388 leukemia cells).

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

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 570.4 93908-02-2

CAS Number PubChem identifier

SMILES

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

c5c7C(=O)NC(=O)c47

InChiKey QEHOIJJIZXRMAN-UMHCKEELSA-N

Yellow solid **Appearance**