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DATASHEET

Simocyclinone D8

Product overview

Name	Simocyclinone D8
Cat No	HB4084
Purity	>97%
Description	Bacterial DNA gyrase inhibitor

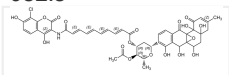
Biological Data

Biological description	Antibiotic. Bacterial DNA gyrase inhibitor: Staphylococcus aureus (IC_{50} = 1.45 μ M), E.coli (IC_{50} = 0.41 μ M). Human topoisomerase II (Topo II) inhibitor (IC_{50} = 100 μ M). Antibacterial (Gram-positive). Antitumor compound.
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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	932.3
Chemical structure	
CAS Number	301845-97-6
InChiKey	PLEGMCYXNQPJNV-TYXWGSLSYA-N
Appearance	Yellow powder