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DATASHEET

Prodigiosin

Product overview

Name	Prodigiosin
Cat No	HB4034
Purity	>95%
Description	Antibiotic. Antimicrobial.

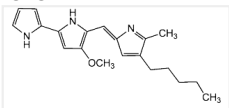
Biological Data

Biological description	Red-pigmented antibiotic. Antimalarial. Immunosuppressive. Apoptosis inducer. Cytotoxic. Induces phosphorylation of p38-MAPK. Antimetastatic. Tumor invasion inhibitor. Induces p21WAF1/CIP1 expression. Anticancer compound. gp91(phox) and iNOS expression inhibitor. mTORC1 and mTORC2 complex inhibitor. Down-regulates SKP2 to induce p27(KIP1) stabilization.
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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	323.4
Chemical structure	
CAS Number	82-89-3
PubChem identifier	0
SMILES	<chem>CCCCCc1cc([nH]c1C)\C=C/2NC(/C=C2OC)=C3\C=CC=N3</chem>
InChiKey	SZXDNGVQRDTJSD-FOWTUZBSSA-N
Appearance	Dark red solid