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DATASHEET

Gilvocarcin V

Product overview

Name	Gilvocarcin V
Cat No	HB3919
Purity	>98%
Description	Antitumor antibiotic

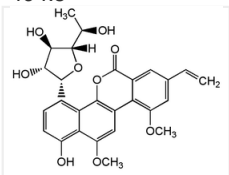
Biological Data

Biological description	Antibiotic. Antitumor compound. Weakly active against Gram-positive bacteria and fungi. Mediates a unique cross-linking reaction between DNA and histone H3 by light. Single strand scission and covalent binding to DNA after photoactivation.
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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	494.5
Chemical structure	
CAS Number	77879-90-4
PubChem identifier	0
SMILES	<chem>COc1cc(C=C)cc2C(=O)Oc3c(cc(OC)c4c(O)ccc(C5OC(C(C)O)C(O)C5O)c34)c12</chem>
InChiKey	XCWHINLKQMCRON-UCDARZNSSA-N
Appearance	Yellow solid