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

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

customercare-usa@hellobio.com



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.

Solubility & Handling

Storage instructions
Storage of solutions

+4°C

Prepare and use solutions on the same day if possible. Store solutions at -20 $^{\circ}$ 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 494.5

How oh oh och3

CAS Number PubChem identifier

SMILES InChiKey Appearance 77879-90-4

COc1cc(C=C)cc2C(=O)Oc3c(cc(OC)c4c(O)ccc(C5OC(C(C)O)C(O)C5O)c34)c12

XCWHINLKQMCRON-UCDARZNSSA-N

Yellow solid