
Product Data Sheet

Product Name: Pyrindamycin A

Cat. No.: GC37044

Chemical Properties

Cas. No. 118292-36-7

O=C([C@@]
 SMILES (NC1=C(O)C=C2N(C(C(N3)=CC4=C3C(OC)=C(OC)C(OC)=C4)=O)C[C@@H]
 (CCl)C2=C15)(C)C5=O)OC

Formula C₂₆H₂₆ClN₃O₈ M.Wt 543.95

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Pyrindamycin A is an antibiotic that inhibits DNA synthesis. Pyrindamycin A shows antitumor activities against murine leukemia, exhibits stronger cytotoxic activities towards murine and human tumor cell lines and especially towards doxorubicin-resistant cells, inhibits P388 and P388/ADR cells with the same IC₅₀ of 3.9 µg/ml[1].

[1]. Ishii S, et al. Antitumor activity of pyrindamycins A and B. J Antibiot (Tokyo). 1989 Nov;42(11):1713-7.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
