
Product Data Sheet

Product Name: Indanomycin

Cat. No.: GC18818

Chemical Properties

Cas. No. 66513-28-8

Chemical Name (αR,2R,5S,6R)-6-[(1E,3E)-1-ethyl-4-[(1S,3aR,4S,5S,7aS)-1-ethyl-2,3,3a,4,5,7a-hexahydro-4-(1H-pyrrol-2-ylcarbonyl)-1H-inden-5-yl]-1,3-butadien-1-yl]tetrahydro-α,5-dimethyl-2H-pyran-2-acetic acid

SMILES OC([C@H](C)[C@]1([H])O[C@@H](/C(CC)=C/C=C/[C@@H]2C=C[C@@]([C@@H](CC)CC3)([H])[C@]3([H])[C@@H]2C(C4=CC=CN4)=O)[C@@H](C)CC1)=O

Formula C₃₁H₄₃NO₄

M.Wt 493.7

Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble

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**

Indanomycin is an antibiotic of the pyrroloketoidane class, which includes an unusual indane ring structure. It has bactericidal activity against Gram-positive bacteria, with minimum inhibitory concentration (MIC) values of ≤0.2 ug/ml, and insecticidal activity.

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

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