
Product Data Sheet

Product Name: Oxytetracycline Dihydrate

Cat. No.: GC15159

Chemical Properties

Cas. No. 6153-64-6

Chemical Name (4S,4aR,5S,5aR,6S,12aR)-4-(dimethylamino)-1,5,6,10,11,12a-hexahydroxy-6-methyl-3,12-dioxo-4,4a,5,5a-tetrahydrotetracene-2-carboxamide;dihydrate

SMILES CC1(C2C(C3C(C(=O)C(=C(C3(C(=O)C2=C(C4=C1C=CC=C4O)O)O)O)C(=O)N)N(C)C)O)O.O.O

Formula $C_{22}H_{24}N_2O_9 \cdot 2H_2O$

M.Wt 496.46

Solubility $\geq 18.4\text{mg/mL}$ in DMSO with gentle warming

Storage Store at -20°C

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

Structure

Background

Oxytetracycline Dihydrate

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

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