
Product Data Sheet

Product Name: Duclauxin

Cat. No.: GC18992

Chemical Properties

Cas. No. 1732-37-2

Chemical Name (8S,8aS,15aR,15bR,16S)-16-(acetyloxy)-8a,15a-dihydro-4,11-7H-8,15b-methano-1H,3H,12H-benzo[de]cyclohepta[1,2-g:3,4,5-d'e']bis[2]benzopyran-3,7,12,15(8H)-tetrone

SMILES OC1=CC(C)=C([C@]([C@@]([C@]2([H])OC(C)=O)([H])C(C3=C(C)C=C4O)=O)(OC)[C@@]5([H])[C@@]62C3=C4C(OC6)=O)C7=C1C(OC=C7C5=O)=O

Formula C₂₉H₂₂O₁₁

M.Wt 546.5

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**

Duclauxin decreases proliferation of tumor cells in vitro and increases the lifespan of mice inoculated with Ehrlich ascitic tumor cells. Duclauxin (10-30 ug/ml) inhibits mitochondrial respiration of P-388 tumor cells and nucleic acid synthesis in cell culture of Ehrlich cancer, the lymphadenomas NK/LI and L 5178, and sarcoma 37. Duclauxin also inhibits growth of wheat coleoptile.

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
