

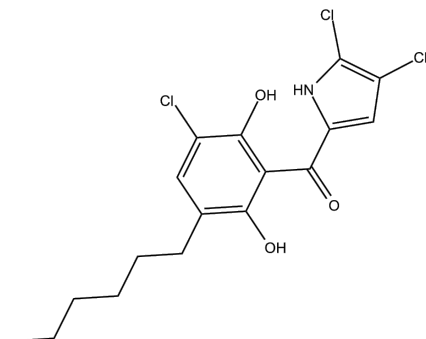
## Certificate of Analysis

Product Name: Celastramycin A  
Cat. No.: GC14356  
Batch No.: 1  
Chemical Name: (3-chloro-5-hexyl-2,6-dihydroxyphenyl)(4,5-dichloro-1H-pyrrol-3-yl)-methanone

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 491600-94-3  
Molecular Formula:  $C_{17}H_{18}Cl_3NO_3$   
Molecular Weight: 390.7  
Storage: Store at  $-20^{\circ}C$

Chemical Structure:



### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**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