

## Certificate of Analysis

Product Name: Biphenyl-4, 4'-disulfonyl-A, D-capped- $\beta$ -cyclodextrin  
Cat. No.: GF16016  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 73499-21-5  
Molecular Formula: C<sub>54</sub>H<sub>76</sub>O<sub>39</sub>S<sub>2</sub>  
Molecular Weight: 1413.29  
Storage: 2-8°C

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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