

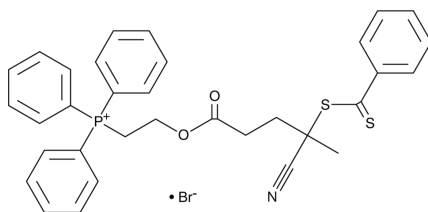
## Certificate of Analysis

Product Name: CPPA-TPP  
Cat. No.: GC91800  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: N/A  
Molecular Formula:  $C_{33}H_{31}NO_2PS_2 \cdot Br$   
Molecular Weight: 648.6  
Storage:  $-20^{\circ}C$

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >75.00%  
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.**

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