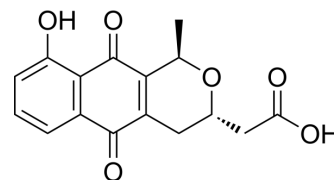


Dihydrokalafungin

Cat. No.:	HY-103397A
CAS No.:	98392-26-8
Molecular Formula:	C ₁₆ H ₁₄ O ₆
Molecular Weight:	302.28
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dihydrokalafungin (Antibiotic YS-02931K-β) is a benzoisochromanequinone that used as a natural substrate in enzyme assays of the ActVB-ActVA system ^[1] .
In Vitro	The quinone form of Dihydrokalafungin is not oxidized by the ActVA-ActVB system, whereas the corresponding hydroquinone is an excellent substrate ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Julien Valton, et al. An aromatic hydroxylation reaction catalyzed by a two-component FMN-dependent Monooxygenase. The ActVA-ActVB system from *Streptomyces coelicolor*. *J Biol Chem*. 2006 Jan 6;281(1):27-35.

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

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