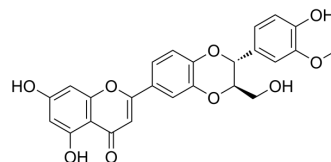


(±)-Hydnocarpin

Cat. No.:	HY-N10986
CAS No.:	298704-61-7
Molecular Formula:	C ₂₅ H ₂₀ O ₉
Molecular Weight:	464.42
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(±)-Hydnocarpin is a flavonolignan. (±)-Hydnocarpin can inhibit the growth of <i>S. aureus</i> with a MIC ₅₀ value of 3.1 μM ^[1] .
IC ₅₀ & Target	MIC ₅₀ : 3.1 μM (<i>S. aureus</i>) ^[1]
In Vitro	(±)-Hydnocarpin inhibits the growth of <i>S. aureus</i> with a MIC ₅₀ value of 3.1 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guz, N R et al. Flavonolignan and flavone inhibitors of a Staphylococcus aureus multidrug resistance pump: structure-activity relationships. Journal of medicinal chemistry vol. 44,2 (2001): 261-8.

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

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