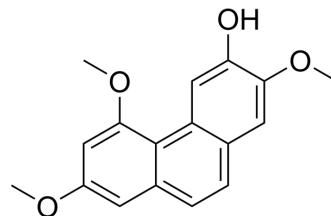


Batatasin I

Cat. No.:	HY-N0940
CAS No.:	51415-00-0
Molecular Formula:	C ₁₇ H ₁₆ O ₄
Molecular Weight:	284.31
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Batatasin I is a natural product that can be isolated from tuberous roots of <i>Dioscorea batatas</i> , with antifungal activity and anti-inflammatory effects ^[1] .
In Vitro	Batatasin I shows anti-inflammatory effects via the inhibition of both eicosanoid generation and degranulation reaction in activated mast cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yue Lu, et al. Batatasin I, a Naturally Occurring Phenanthrene Derivative, Isolated from Tuberous Roots of *Dioscorea batatas* Suppresses Eicosanoids Generation and Degranulation in Bone Marrow Derived-Mast Cells. *Biol Pharm Bull.* 2011;34(7):1021-5.

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

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