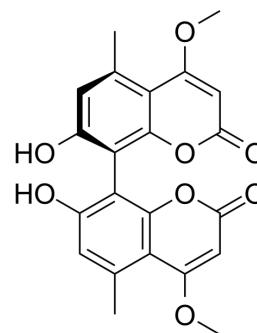


P-orlandin

Cat. No.:	HY-N10194
CAS No.:	1407546-21-7
Molecular Formula:	C ₂₂ H ₁₈ O ₈
Molecular Weight:	410.37
Target:	Parasite; Endogenous Metabolite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	P-orlandin, a fungal metabolite, prevents FREP1 from binding to gametocytes or ookinetes. P-orlandin effectively inhibits <i>P. falciparum</i> infection in mosquitoes ^[1] .	
IC ₅₀ & Target	Plasmodium	Microbial Metabolite

REFERENCES

[1]. Niu G, et al. Targeting mosquito FREP1 with a fungal metabolite blocks malaria transmission. *Sci Rep.* 2015;5:14694. Published 2015 Oct 6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA