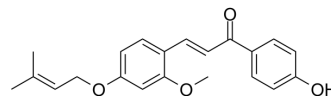


Xinjiachalcone A

Cat. No.:	HY-108421
CAS No.:	151410-32-1
Molecular Formula:	C ₂₁ H ₂₂ O ₄
Molecular Weight:	338.4
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Xinjiachalcone A is an active principle of <i>Glycyrrhiza inflata</i> Batalin. Xinjiachalcone A shows both a low MIC and a strong bactericidal activity against <i>H. pylori</i> , with MIC values ranged from 12.5 to 50 μM for seventeen <i>H. pylori</i> strains ^[1] .
IC ₅₀ & Target	MIC: 12.5-50 μM (<i>H. pylori</i>) ^[1]

REFERENCES

[1]. Bodet C, et al. Antibacterial activities of oxyprenylated chalcones and naphthoquinone against *Helicobacter pylori*. *Nat Prod Commun*. 2014 Sep;9(9):1299-301.

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

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