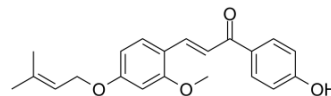


## Xinjiachalcone A

Cat. No.:	HY-108421
CAS No.:	151410-32-1
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> O <sub>4</sub>
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 <sup>[1]</sup> .
IC <sub>50</sub> & Target	MIC: 12.5-50 μM ( <i>H. pylori</i> ) <sup>[1]</sup>

### 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.**

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