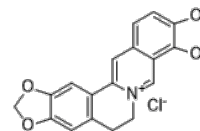


**Product Name** : Coptisine chloride  
**Cat. No.** : PC-22274  
**CAS No.** : 6020-18-4  
**Molecular Formula** : C<sub>19</sub>H<sub>14</sub>ClNO<sub>4</sub>  
**Molecular Weight** : 355.77  
**Target** : Indoleamine 2,3-Dioxygenase (IDO)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Coptisine chloride is an alkaloid from Chinese goldthread, and is an efficient uncompetitive indoleamine 2,3-Dioxygenase (IDO) inhibitor, also is a potent H1N1 neuraminidase (NA-1) inhibitor with an IC<sub>50</sub> of 104.6 µg/mL, also is a novel METTL3 inhibitor and performs therapeutic effect on periodontitis.

## References

Xinyi Zhou, et al. Adv Sci (Weinh). 2024 May 2:e2308786.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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