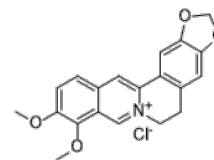


**Product Name** : Berberine chloride  
**Cat. No.** : PC-26670  
**CAS No.** : 633-65-8  
**Molecular Formula** : C<sub>20</sub>H<sub>18</sub>ClNO<sub>4</sub>  
**Molecular Weight** : 371.82  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Berberine chloride is an alkaloid with antibiotic properties, induces reactive oxygen species (ROS) generation and inhibits DNA topoisomerase, also directly binds to transcription factor Early B Cell Factor 2 (EBF2), modulate EBF2 phase separation and thermogenic function, also is a potent USP22 inhibitor, effectively suppresses Wnt pathway activation and CRC cell proliferation.

## References

Wang X, et al. Nat Commun. 2026 Apr 23. doi: 10.1038/s41467-026-72233-x.

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

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