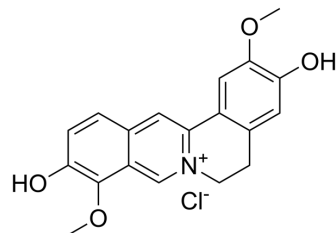


Dehydrodiscretamine chloride

| | |
|--------------------|---|
| Cat. No.: | HY-N12075 |
| CAS No.: | 78134-82-4 |
| Molecular Formula: | C ₁₉ H ₁₈ ClNO ₄ |
| Molecular Weight: | 359.8 |
| Target: | Cholinesterase (ChE) |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Dehydrodiscretamine chloride is a dual inhibitor of AChE and BChE with IC₅₀s of 17.8 and 118.8 μM, respectively. Dehydrodiscretamine chloride has antioxidant activity. Dehydrodiscretamine chloride can be used in study Alzheimer's disease^[1].

REFERENCES

[1]. Jiang K, et al. Bioactive Isoquinoline Alkaloids with Diverse Skeletons from *Fissistigma polyanthum*. *J Nat Prod.* 2023 Sep 22;86(9):2162-2170.

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

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