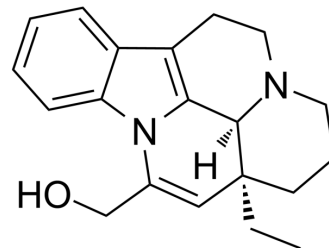


## Vin-C01

Cat. No.:	HY-147502
CAS No.:	23173-26-4
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> N <sub>2</sub> O
Molecular Weight:	308.42
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Vin-C01 is a potent pancreatic $\beta$ -cells protective agent with an EC <sub>50</sub> of 0.22 $\mu$ M. Vin-C01 effectively promotes $\beta$ -cell survival and protects $\beta$ -cells from STZ-induced apoptosis. Vin-C01 can be used for type 2 diabetes mellitus research <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 0.22 $\mu$ M (pancreatic $\beta$ -cells) <sup>[1]</sup>

### REFERENCES

[1]. Wang J, et al. Design, synthesis and biological evaluation of vincamine derivatives as potential pancreatic  $\beta$ -cells protective agents for the treatment of type 2 diabetes mellitus. Eur J Med Chem. 2020 Feb 15;188:111976.

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

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