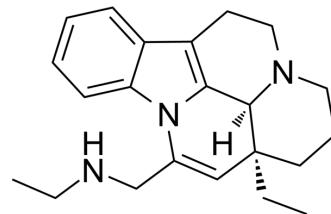


Vin-F03

Cat. No.:	HY-147503
CAS No.:	2180917-11-5
Molecular Formula:	C ₂₂ H ₂₉ N ₃
Molecular Weight:	335.49
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Vin-F03 is a potent pancreatic β -cells protective agent with an EC ₅₀ of 0.27 μ M. Vin-F03 effectively promotes β -cell survival and protects β -cells from STZ-induced apoptosis. Vin-F03 can be used for type 2 diabetes mellitus research ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.27 μ M (pancreatic β -cells) ^[1]

REFERENCES

[1]. Wang J, et al. Design, synthesis and biological evaluation of vincamine derivatives as potential pancreatic β -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.

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