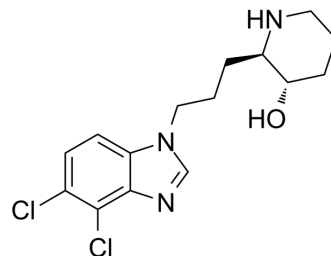


Bersiporocin

Cat. No.:	HY-145555
CAS No.:	2241808-52-4
Molecular Formula:	C ₁₅ H ₁₉ Cl ₂ N ₃ O
Molecular Weight:	328.24
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bersiporocin is a prolyl-tRNA synthetase inhibitor. Bersiporocin has an IC ₅₀ of ≤100 nM for phosphoribosylpyrophosphate synthetase (PRS). Bersiporocin can be used for the research of antifibrotic ^{[1][2]} .
IC ₅₀ & Target	PRS ≤100 nM (IC ₅₀)

REFERENCES

- [1]. Bong-Yong Lee, et al. Heterocyclic compounds, preparation methods, pharmaceutical compositions, and use as prolyl-tRNA synthetase inhibitors. WO2018147626 A1
- [2]. WHO Drug Information, Vol. 35, No. 4, 2021. Geneva: World Health Organization; 2022.

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

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