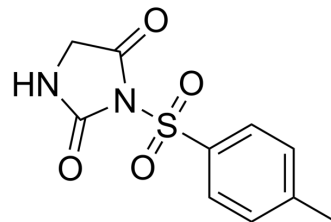


3-Tosylimidazolidine-2,4-dione

Cat. No.:	HY-163395
Molecular Formula:	C ₁₀ H ₁₀ N ₂ O ₄ S
Molecular Weight:	254.26
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Tosylimidazolidine-2,4-dione (compound 2C) is a hydantoin derivative, and exhibits inhibitory activity against the Pf3D7 strain, with an IC₅₀ value of 3.97 nM^[1].

REFERENCES

[1]. Chin EZ, et al. Synthesis and biological evaluation of hydantoin derivatives as potent antiplasmodial agents. *Bioorg Med Chem Lett*. Published online March 12, 2024.

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

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