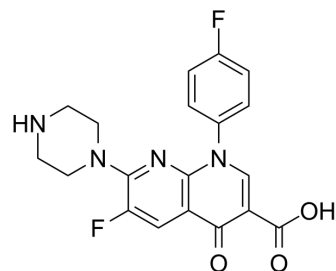


A7132

Cat. No.:	HY-U00225
CAS No.:	100490-21-9
Molecular Formula:	C ₁₉ H ₁₆ F ₂ N ₄ O ₃
Molecular Weight:	386.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A7132 is an antibacterial agent. A7132 possess broad and potent antibacterial activity.
IC ₅₀ & Target	Antibacterial ^[1]
In Vitro	A7132 (Compound 31) shows great oral activity against <i>S. aureus</i> NCTC 10649, <i>E. coli</i> Juhl and <i>P. aeruginosa</i> 5007 with MICs of 0.25, 0.05 and 0.39 µg/mL, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chu DT, et al. Synthesis and structure-activity relationships of new arylfluoronaphthyridine antibacterial agents. *J Med Chem.* 1986 Nov;29(11):2363-9.

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

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