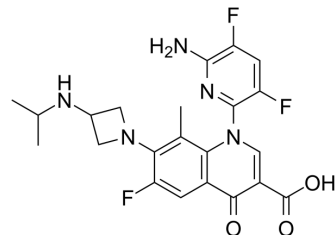


WQ3810

Cat. No.:	HY-U00389
CAS No.:	888032-58-4
Molecular Formula:	C ₂₂ H ₂₂ F ₃ N ₅ O ₃
Molecular Weight:	461.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	WQ3810 is an orally active fluoroquinolone, with potent antibacterial activities.
In Vitro	WQ-3810 shows potent activity against <i>A. baumannii</i> , including MDR isolates, with MIC ₉₀ of 1 mg/L, more than eight-fold higher than that of ciprofloxacin (64 mg/L) and levofloxacin (8 mg/L). WQ-3810 also exhibits inhibitory effects on <i>E. coli</i> and <i>S. pneumoniae</i> , including FQR isolates, with MIC ₉₀ of 4 mg/L and 0.06 mg/L, respectively. WQ-3810 is the most potent among the fluoroquinolones tested against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and <i>Neisseria gonorrhoeae</i> , including FQR isolates ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kazamori D, et al. In vitro activity of WQ-3810, a novel fluoroquinolone, against multidrug-resistant and fluoroquinolone-resistant pathogens. *Int J Antimicrob Agents*. 2014 Nov;44(5):443-9.

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

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