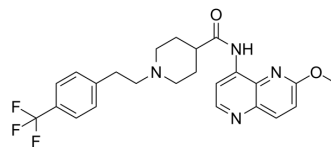


## 844-TFM

Cat. No.:	HY-143484
CAS No.:	2767443-97-8
Molecular Formula:	C <sub>24</sub> H <sub>25</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	458.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

844-TFM is a NBTI (novel bacterial topoisomerase inhibitor) DNA gyrase inhibitor, with an IC<sub>50</sub> of 1.5 μM. 844-TFM exhibits bactericidal properties against *M. abscessus*<sup>[1]</sup>.

## REFERENCES

[1]. Beuchel A, et, al. Structure-Activity Relationship of Anti- Mycobacterium abscessus Piperidine-4-carboxamides, a New Class of NBTI DNA Gyrase Inhibitors. ACS Med Chem Lett. 2022 Feb 28;13(3):417-427.

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

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