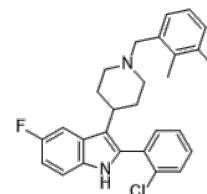


**Product Name** : CDFI  
**Cat. No.** : PC-22080  
**CAS No.** : 1199797-92-6  
**Molecular Formula** : C<sub>28</sub>H<sub>28</sub>ClFN<sub>2</sub>  
**Molecular Weight** : 446.99  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



CAS: 1199797-92-6

## Biological Activity

CDFI is a small molecule inhibitor of the bacterial lipid II flippase MurJ, potentiates the activity of  $\beta$ -lactams against MRSA.

## References

Fernandes PB, et al. J Bacteriol. 2022 Aug 16;204(8):e0016222.

Huber J, et al. Chem Biol 16:837–848.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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