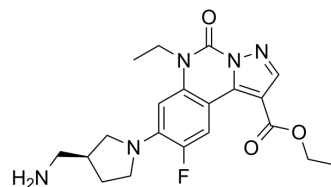


## UIAA-II-232

Cat. No.:	HY-147729
CAS No.:	2428407-03-6
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	401.43
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	UIAA-II-232 (compound 19b) is a potent DNA gyrase catalytic inhibitor with an IC <sub>50</sub> value of 3.5 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 3.5 μM (DNA gyrase catalytic) <sup>[1]</sup> .

## REFERENCES

[1]. Aguirre AL, et al. Identification of an ethyl 5,6-dihydropyrazolo[1,5-c]quinazoline-1-carboxylate as a catalytic inhibitor of DNA gyrase. *Bioorg Med Chem*. 2020 May 15;28(10):115439.

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

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