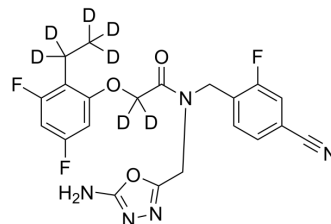


## LpxA-IN-1

Cat. No.:	HY-141838
CAS No.:	2822680-14-6
Molecular Formula:	C <sub>21</sub> H <sub>11</sub> D <sub>7</sub> F <sub>3</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	452.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

LpxA-IN-1 is a novel UDP-N-acetylglucosamine acyltransferase (LpxA) inhibitor (IC<sub>50</sub> 2 nM) with activity against *Pseudomonas aeruginosa* (MIC 8 µg/mL).

### REFERENCES

[1]. Ryan MD, et al. Discovery of Novel UDP-N-Acetylglucosamine Acyltransferase (LpxA) Inhibitors with Activity against *Pseudomonas aeruginosa*. *J Med Chem.* 2021 Oct 14;64(19):14377-14425.

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

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