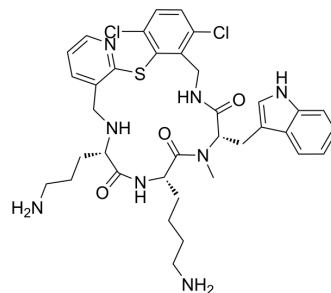


## RO7075573

Cat. No.:	HY-157492
CAS No.:	2097284-11-0
Molecular Formula:	C <sub>36</sub> H <sub>44</sub> Cl <sub>2</sub> N <sub>8</sub> O <sub>3</sub> S
Molecular Weight:	739.76
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

RO7075573 (compound 3) is an antibiotics that targets the lipopolysaccharide (LPS) transport machine in Acinetobacter. RO7075573 protects mice from *A. baumannii* infections<sup>[1][2]</sup>.

## REFERENCES

- [1]. Pahil KS, et al. A new antibiotic traps lipopolysaccharide in its intermembrane transporter. *Nature*. 2024 Jan 3.
- [2]. Zampaloni C, et al. A novel antibiotic class targeting the lipopolysaccharide transporter. *Nature*. 2024 Jan;625(7995):566-571.

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

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