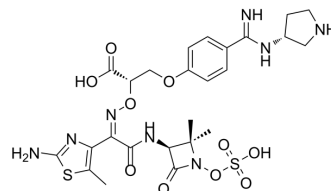


DPI-2016

Cat. No.:	HY-157479
CAS No.:	2760731-35-7
Molecular Formula:	C ₂₅ H ₃₂ N ₈ O ₁₀ S ₂
Molecular Weight:	668.7
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DPI-2016 is an antibacterial agent. DPI-2016 shows improved bactericidal activity (MIC, 0.25-8 µg/mL) against all bacterial strains compared to the aztreonam (HY-B0129) (MIC, 16->64 µg/mL)^[1].

REFERENCES

[1]. Zhai L, et al. Improved synthesis and evaluation of preclinical pharmacodynamic parameters of a new monocyclic β-lactam DPI-2016. *Bioorg Med Chem Lett*. 2024 Jan 8:129615.

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

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