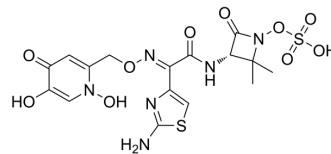


BAL-30072

Cat. No.:	HY-19882
CAS No.:	941285-15-0
Molecular Formula:	C ₁₆ H ₁₈ N ₆ O ₁₀ S ₂
Molecular Weight:	518.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BAL-30072, a siderophore sulfactam, is a monocyclic beta-lactam antibiotic, with activity against multiresistant gram-negative bacilli. BAL30072 shows MIC ₉₀ values of 4 µg/mL for MDR Acinetobacter spp. and 8 µg/mL for MDR P. aeruginosa, respectively ^{[1][2]} .
IC ₅₀ & Target	MIC ₉₀ : 4 µg/mL (MDR Acinetobacter spp.), 8 µg/mL (MDR P. aeruginosa) ^{[1][2]} .

REFERENCES

[1]. Page MG, et al. In vitro properties of BAL30072, a novel siderophore sulfactam with activity against multiresistant gram-negative bacilli. *Antimicrob Agents Chemother.* 2010 Jun;54(6):2291-302.

[2]. Michael Hornsey, et al. In vitro activity of the novel monosulfactam BAL30072 alone and in combination with meropenem versus a diverse collection of important Gram-negative pathogens. *Int J Antimicrob Agents.* 2013 Oct;42(4):343-6.

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

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