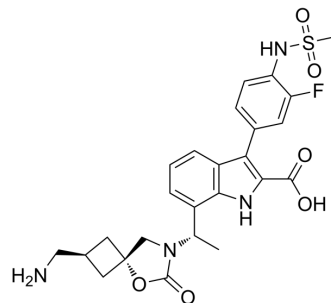


EBL-3183

Cat. No.:	HY-149929
Molecular Formula:	C ₂₅ H ₂₇ FN ₄ O ₆ S
Molecular Weight:	530.57
Target:	Bacterial; Beta-lactamase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EBL-3183, an indole-2-carboxylate, is a potent metallo-β-lactamase (MBL) inhibitor. EBL-3183 is reversibly binding, non-covalent, competitive NDM-1 inhibitor with a pIC₅₀ of 7.7^[1].

REFERENCES

[1]. Jürgen Brem, et al. Imitation of β-lactam binding enables broad-spectrum metallo-β-lactamase inhibitors. Nat Chem. 2022 Jan;14(1):15-24.

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

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