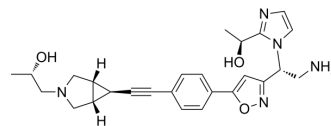


TP0586352

Cat. No.:	HY-142619
CAS No.:	2427626-11-5
Molecular Formula:	C ₂₆ H ₃₁ N ₅ O ₃
Molecular Weight:	461.56
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TP0586352 is a LpxC inhibitor that is effective against carbapenem-resistant *Klebsiella pneumoniae* and does not pose a cardiovascular risk. TP0586352 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Ushiyama F, et al. Lead optimization of 2-hydroxymethyl imidazoles as non-hydroxamate LpxC inhibitors: Discovery of TP0586352. *Bioorg Med Chem.* 2021 Jan 15;30:115964.

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

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