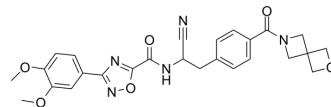


## Pks13-TE inhibitor 4

Cat. No.:	HY-155460
CAS No.:	3032947-26-2
Molecular Formula:	C <sub>26</sub> H <sub>25</sub> N <sub>5</sub> O <sub>6</sub>
Molecular Weight:	503.51
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Pks13-TE inhibitor 4 (compound 44) is an oxadiazole series Pks13 inhibitor that effectively inhibits tuberculosis (TB) and resolves its drug resistance <sup>[1]</sup> .
IC <sub>50</sub> & Target	Pks13 <sup>[1]</sup>

### REFERENCES

[1]. Green SR et al. Identification and Optimization of Novel Inhibitors of the Polyketide Synthase 13 Thioesterase Domain with Antitubercular Activity. J Med Chem. 2023 Nov 23;66(22):15380-15408.

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

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