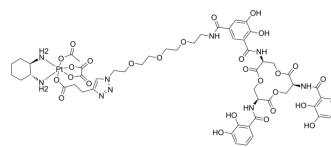


## L-Ent-oxPt(IV)

Cat. No.:	HY-163383
Molecular Formula:	C <sub>54</sub> H <sub>65</sub> N <sub>9</sub> O <sub>27</sub> Pt
Molecular Weight:	1467.22
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	L-Ent-oxPt IV (L-EOP) is an Oxaliplatin (HY-17371)-based siderophore-platinum conjugate. L-Ent-oxPt IV exhibits selectivity towards Escherichia coli and antibacterial activity through DNA damage <sup>[1]</sup> .
In Vitro	L-Ent-oxPt IV (7.5-60 μM) targets Ent uptake machinery expressing gram-negative bacteria, initiates lysis and induces filamentation in strains K12 and CFT073 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Guo C, et al., Investigation of Siderophore-Platinum(IV) Conjugates Reveals Differing Antibacterial Activity and DNA Damage Depending on the Platinum Cargo. ACS Infect Dis. 2024 Mar 4.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA