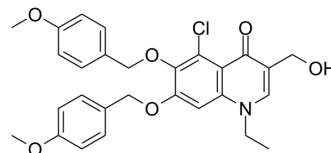


## CPFX2090

Cat. No.:	HY-135889
CAS No.:	1429439-25-7
Molecular Formula:	C <sub>28</sub> H <sub>28</sub> ClNO <sub>6</sub>
Molecular Weight:	509.98
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (49.02 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9609 mL	9.8043 mL	19.6086 mL
	5 mM	0.3922 mL	1.9609 mL	3.9217 mL
	10 mM	0.1961 mL	0.9804 mL	1.9609 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

CPFX2090 is a cephalosporin antibacterial compound extracted from patent WO2013052568A1, Compound Example 16g<sup>[1]</sup>.

### REFERENCES

[1]. Xiangmin Liao, et al. Antibacterial compounds. WO2013052568A1.

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

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