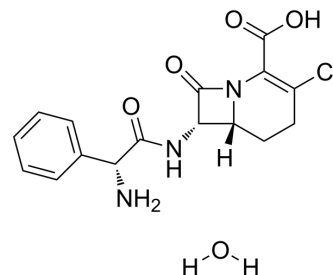


Loracarbef hydrate

Cat. No.:	HY-B1682A
CAS No.:	121961-22-6
Molecular Formula:	C ₁₆ H ₁₈ ClN ₃ O ₅
Molecular Weight:	367.78
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	Loracarbef hydrate, a cephalosporin antibiotic, is an orally active second-generation synthetic beta-lactam antibiotic of the carbacephem class ^{[1][2]} .
IC₅₀ & Target	β-lactam
In Vitro	Loracarbef hydrate demonstrates excellent activity against isolates of Escherichia coli and Klebsiella, Proteus and Salmonella species ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. M Hu, et al. Mechanisms of Transport of Quinapril in Caco-2 Cell Monolayers: Comparison With Cephalexin. Pharm Res. 1995 Aug;12(8):1120-5.
- [2]. J W Dyke, et al. Antimicrobial Activity of New Antibiotics Against Bacterial Isolates From a Community Hospital. Chemotherapy. Sep-Oct 1993;39(5):315-21.

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

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