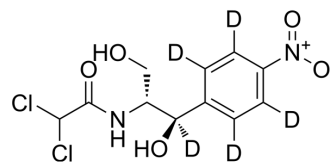


Chloramphenicol-d₅

Cat. No.:	HY-B0239S		
CAS No.:	202480-68-0		
Molecular Formula:	C ₁₁ H ₇ D ₅ Cl ₂ N ₂ O ₅		
Molecular Weight:	328.16		
Target:	Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Chloramphenicol-d₅ is the deuterium labeled Chloramphenicol. Chloramphenicol is a broad-spectrum antibiotic against bacterial infections[1][2].

REFERENCES

[1]. Jardetzky, O., Studies on the mechanism of action of chloramphenicol. I. The conformation of chloramphenicol in solution. J Biol Chem, 1963. 238: p. 2498-508.

[2]. Wolfe, A.D. and F.E. Hahn, Mode of Action of Chloramphenicol. Ix. Effects of Chloramphenicol Upon a Ribosomal Amino Acid Polymerization System and Its Binding to Bacterial Ribosome. Biochim Biophys Acta, 1965. 95: p. 146-55.

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

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