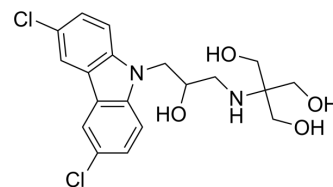


DCAP

Cat. No.:	HY-136068		
CAS No.:	500015-20-3		
Molecular Formula:	C ₁₉ H ₂₂ Cl ₂ N ₂ O ₄		
Molecular Weight:	413.29		
Target:	Antibiotic; Bacterial; Autophagy		
Pathway:	Anti-infection; Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

DCAP is a broad-spectrum antibiotic targeting the membranes of both Gram-positive and Gram-negative bacteria. DCAP blocks autophagy at the late stages by preventing autophagolysosome maturation and interrupting the autophagic flux^[1].

REFERENCES

[1]. Giulia Allavena, et al. A broad-spectrum antibiotic, DCAP, reduces uropathogenic Escherichia coli infection and enhances vorinostat anticancer activity by modulating autophagy. Cell Death Dis. 2018 Jul 13;9(7):780.

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