

## Moenomycin complex

Cat. No.:	HY-126387		
CAS No.:	11015-37-5		
Target:	Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

## Moenomycin complex

### SOLVENT & SOLUBILITY

In Vitro	Ethanol : 25 mg/mL (Need ultrasonic and warming)
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### BIOLOGICAL ACTIVITY

Description	Moenomycin complex is a potent transglycosylase inhibitor. Moenomycin complex inhibits bacterial growth by blocking the transglycosylase activity of class A penicillin-binding proteins (PBPs) <sup>[1]</sup> .
IC <sub>50</sub> & Target	Transglycosylase <sup>[1]</sup>

### REFERENCES

[1]. Cheng TJ, et al. Domain requirement of moenomycin binding to bifunctional transglycosylases and development of high-throughput discovery of antibiotics. Proc Natl Acad Sci U S A. 2008 Jan 15;105(2):431-6.

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

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