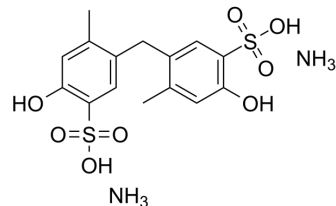


## Dicresulene diammonium

<b>Cat. No.:</b>	HY-105967A
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	422.47
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (591.76 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.3670 mL	11.8352 mL	23.6703 mL
5 mM		0.4734 mL	2.3670 mL	4.7341 mL
10 mM		0.2367 mL	1.1835 mL	2.3670 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Dicresulene diammonium is an impurity of Policresulen, an organic acid with hemostatic, antimicrobial and antiviral activities<sup>[1][2]</sup>.

#### In Vitro

Dicresulene is a component of traditional Chinese medicine and Western medicine for treating leukoplakia of vagina<sup>[2]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Han, Xuping, et al. Traditional Chinese medicine and Western medicine composition for treating leukoplakia of vagina and preparation method thereof. CN108283688A.
- [2]. Deng-wei Wu, et al. Policresulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. Acta Pharmacol Sin. 2015 Sep;36(9):1126-36.

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

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