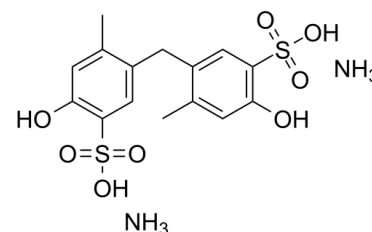


Data Sheet

Product Name:	Dicresulene (diammonium)
Cat. No.:	CS-0131773
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O ₈ S ₂
Molecular Weight:	422.47
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : 250 mg/mL (591.76 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Dicresulene diammonium is an impurity of Policresulen, an organic acid with hemostatic, antimicrobial and antiviral activities^{[1][2]}. **In Vitro:** Dicresulene is a component of traditional Chinese medicine and Western medicine for treating leukoplakia of vagina^[2].

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.

CAIndexNames:

Benzenesulfonic acid, 3,3'-methylenebis[6-hydroxy-4-methyl- (diammonium)

SMILES:

O=S(C1=C(O)C=C(C)C(CC2=CC(S(=O)(O)=O)=C(O)C=C2C)=C1)(O)=O.N.N

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

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