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**Product Data Sheet**

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Product Name: Dicresulene diammonium

Cat. No.: GC60136

**Chemical Properties**

Cas. No.

SMILES O=S(C1=C(O)C=C(C)C(CC2=CC(S(=O)(O)=O)=C(O)C=C2C)=C1)(O)=O.N.NFormula C15H22N2O8S2 M.Wt 422.47

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

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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

Dicresulene is a component of traditional Chinese medicine and Western medicine for treating leukoplakia of vagina[2].

[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.

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

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