

## Busulfan

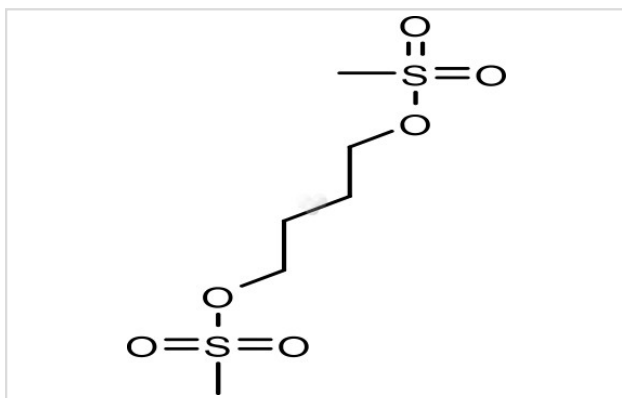
Catalog No: #S0923

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## Description

Product Name	Busulfan
Brief Description	Inhibitors
Purification	99.77%
Target Name	DNA Alkylation
Calculated MW	246.3
Formulation	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> S <sub>2</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cancer  
 SMILES: CS(=O)(=O)OCCCCOS(C)(=O)=O  
 Pathways: DNA Damage/DNA Repair  
 Receptor: DNA Alkylation  
 Boiling pt: Melting pt: 114-117°C  
 Solubility: DMSO: 49 mg/mL (198.94 mM)  
 Appearance: White Powder  
 Remark: 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 month.

## References

1. Meng A, et al. Y Res, 2003, 63(17), 5414-5419.

Note: This product is for in vitro research use only