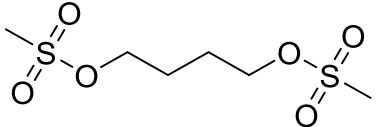




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
100110	Busulfan	T9C03I04

Chemical name	
butane-1,4-diyl dimethanesulfonate	
Synonyms	
BSF; Bussulfam; Busulfanum; busulphan; glyzophrol; Myeleukon; Myeloleukon; Myelosan; Mylecytan; Sulfabutin; Busulfex; Mitosan; Myleran; Mielucin; Misulban; Misulfan; CB2041; GT41; WR19508	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100110 Name: Busulfan CAS#: 55-98-1 Lot#: T9C03I04 Chemical Formula: C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> S <sub>2</sub> Exact Mass: 246.02318 Molecular Weight: 246.30

Analysis item	Specifications / Results
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (Neutralization titration)</b>	>97.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**