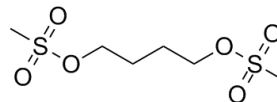


Product Name	: Busulfan
Synonyms	: Busulphan; Mielosan; Milecitan; Myeloleukon; Mylecylan; Myleran; NCI C01592; NSC 750
Cat No.	: M15037
CAS Number	: 55-98-1
Molecular Formula	: C ₆ H ₁₄ O ₆ S ₂
Formula Weight	: 246.30
Chemical Name	: butane-1,4-diyl dimethanesulfonate
Description	: Busulfan is a bifunctional alkylating agent.
Pathway	: Cell Cycle/DNA Damage
Target	: DNA Alkylator
Receptor	: DNA Alkylation
Solubility	: DMSO: 49 mg/mL (198.94 mM)
SMILES	: CS(=O)(OCCCCOS(C)(=O)=O)=O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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