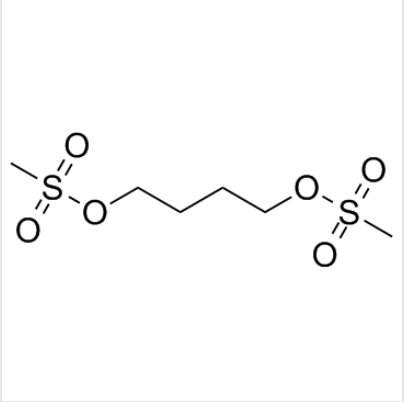
Busulfan (Busulphan)

PRODUCT OVERVIEW

Product Name	Busulfan, Biochemical
Full Product Name	Busulfan
Product Synonym Names	Busulphan; Mielosan; Milecitan; Myeloleukon; Mylecytan; Myleran; NCI C01592; NSC 750
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	246.3
Suitability	DMSO: 49mg/mL (198.94mM)
Target	DNA Alkylator
Receptor	DNA Alkylation
Chemical Name	butane-1, 4-diyl dimethanesulfonate
SMILES	CS(=O)(OCCCCOS(C)(=O)=O)=O
Molecular Formula	C6H14O6S2
CAS Number	55-98-1
Product Categories/Family for Busulfan biochemical	Cell Cycle/DNA Damage; Cancer
Related Product Information for Busulfan biochemical	MBS3605035 is a biochemical targeting Busulfan. Busulfan is a bifunctional alkylating agent.
Product References and Citations for Busulfan biochemical	1.Meng A, et al. Y Res, 2003, 63 (17), 5414-5419.
Other Notes	Small volumes of Busulfan biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of Busulfan biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/biochemical/busulfan/3605035