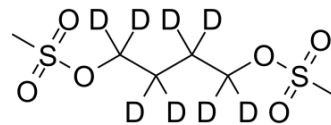


Busulfan-D8

Cat. No.:	HY-B0245S
CAS No.:	116653-28-2
Molecular Formula:	C ₆ H ₆ D ₈ O ₆ S ₂
Molecular Weight:	254.35
Target:	DNA Alkylator/Crosslinker; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Busulfan-D8 is a deuterium labeled Busulfan. Busulfan is an alkyl sulfonate that acts as an alkylating antineoplastic agent. Busulfan forms both intra- and interstrand crosslinks on DNA. In mammals, Busulfan causes profound and prolonged reduction in the generation of hematopoietic progenitors without significantly affecting lymphocyte levels or humoral antibody responses.

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

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