

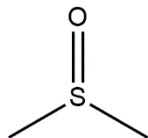
DMSO (Anhydrous)

Rev 02/21

ALTERNATE NAMES: Dimethyl sulfoxide; Methylsulfinylmethane; Sulfinylbis(methane)

CATALOG #: B3105-100 100 ml
B3105-500 500 ml (5 x 100 ml)

STRUCTURE:



MOLECULAR FORMULA: C₂H₆OS

MOLECULAR WEIGHT: 78.13

CAS NUMBER: 67-68-5

APPEARANCE: Colorless

PURITY: ≥ 99.9%

SOLUBILITY: Completely miscible in water

DESCRIPTION: DMSO is a highly polar aprotic organic solvent. It is widely used to dissolve both polar and nonpolar compound. It penetrates biological membranes and is used as a vehicle for topical application of compounds. It is used in cryopreservation of cells and tissues. It shows anti-inflammatory, antioxidant and analgesic properties.

STORAGE TEMPERATURE: Store at room temperature. Protect from air. Store under desiccating conditions.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCES: 1. Jacob, S.W., Herschler, R. Pharmacology of DMSO. Cryobiology. 23(1):14-27 (1986).
2. Brayton, C.F. Dimethyl sulfoxide (DMSO): a review. Cornell Vet. 76(1):61-90 (1986).

RELATED PRODUCTS:

Triton® X-100 Solution (10% in H₂O) (Cat. No. 2104)
ToxOut™ Endotoxin Free Water (Cat. No. 7938)
Tergitol™, 15-S-9, MegaPure™, Detergent 10% solution (Cat. No. B2684)
Triton® X-100 Detergent (Cat. No. B2394)
Tyloxapol (10%) solution (Cat. No. B1159)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*