

DMSO

Dimethylsulfoxide (DMSO) (Cell Culture Grade)

Catalog No.: CO104

Pack Size: 100mL

Storage: R.T.

PRODUCT DESCRIPTION

Dimethylsulfoxide (DMSO) is used as a cyroprotectant for the cryopreservation of cell lines. MACGENE DMSO is cell culture grade and has been tested to assure nontoxicity and sterility.

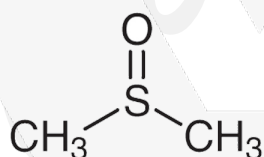
DMSO has been filtered through a 0.2 µm PTFE membrane and aseptically dispensed. This product has applications for cryopreservation, cell culture, cell growth, and viability.

M.W. 78.13 g/mol

PURITY 99.9%

MOLECULAR FORMULA C₂H₆O_S

CHEMICAL STRUCTURE



STORAGE

Room temperature (R.T.). This product is stable for 24 months.

APPLICATIONS

Dimethyl Sulfoxide (DMSO), cell culture reagent is ideal for cryopreservation. DMSO is a polar, aprotic organic solvent with many applications in chemical and biological research. DMSO can uniquely provide solubility to certain very polar small molecules, such as simple biomolecules with multiple protic functional groups. It can also be used as an oxidation reagent in certain transformations. The yield of PCR processes is amplified with DMSO as a co-solvent, helping to inhibit the formation of secondary structures from DNA fragments.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES

MACGENE Biotechnology ● Phone: (010)8205-7786 ● (010)6237-9789

E-mail: order@macgenes.com ● Tech Support: support@macgenes.com ● URL: <http://www.macgenes.com>