
DMSO (dimethyl sulfoxide), labeling grade

<http://www.lumiprobe.com/p/dmsolabeling-grade>

DMSO is a polar aprotic solvent widely used in bioconjugation, especially in reactions with poorly water-soluble fluorescent dyes.

DMSO is also recommended as an auxiliary solvent in the [reaction mixture](#) when a hydrophobic label is used for [protein labeling](#) or when a label molecule needs to be aliquoted before the reaction.

General properties

Appearance: colorless liquid

Molecular weight: 78.14

CAS number: 67-68-5

Molecular formula: C₂H₆OS

IUPAC name: dimethylsulfoxide

Solubility: miscible with water, many organic solvents

Quality control: GCMS (98+%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.