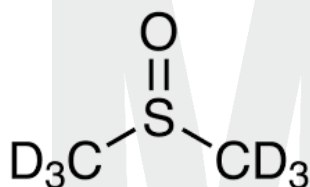


DIMETHYL SULFOXIDE

Dimethyl sulfoxide (DMSO) is a colorless, odorless liquid that serves as a widely used organic solvent. It's known for its ability to dissolve both polar and nonpolar substances, making it versatile in various applications. Additionally, DMSO is used in medical treatments, particularly for pain relief and in the treatment of interstitial cystitis.

CAS Number: 67-68-5

Chemical Formula: $(\text{CH}_3)_2\text{SO}$



Synonyms

- DMSO
- methyl sulfoxide
- sulfinylbis(methane)

Chemical Properties and Specification

Property	Specification
Assay (Purity)	≥ 99%
Molecular Weight	78.13 g/mol
Appearance	Colourless liquid
Odor	Slight garlic like
Boiling P ^o int	189°C (372°F)
Melting Point	18.5°C (65.3°F)
Density	1.100 g/cm ³
Solubility	Soluble with water
Viscosity	1.996 cP at 20°C
Flash Point	89°C (192°F)