



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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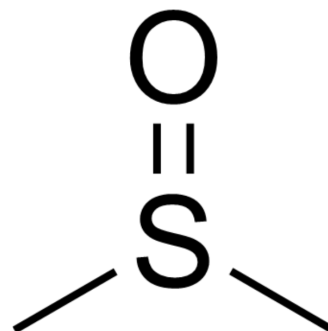
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Dimethyl sulfoxide

| | |
|--------------------|---|
| Cat. No.: | HY-Y0320C |
| CAS No.: | 67-68-5 |
| Molecular Formula: | C ₂ H ₆ OS |
| Molecular Weight: | 78.13 |
| Target: | Cholinesterase (ChE); Bacterial |
| Pathway: | Neuronal Signaling; Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Dimethyl sulfoxide, meets analytical specification of Ch.P. is an aprotic solvent that can dissolve water-insoluble therapeutic and toxic agents. Dimethyl sulfoxide (DMSO) has a strong affinity for water and has the ability to rapidly penetrate or enhance the penetration of other substances through biological membranes. Dimethyl sulfoxide also has potential free radical scavenging and anticholinesterase effects and may affect coagulation activity. Dimethyl sulfoxide also induces histamine release from mast cells but is thought to have low systemic toxicity^[1].

REFERENCES

[1]. Brayton CF. Dimethyl sulfoxide (DMSO): a review. Cornell Vet. 1986 Jan;76(1):61-90., et al. Dimethyl sulfoxide (DMSO): a review. Cornell Vet. 1986 Jan;76(1):61-90.

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

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