



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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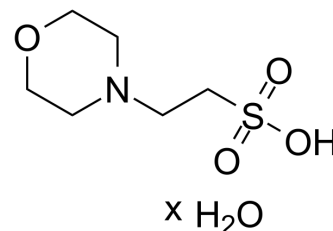
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MES hydrate

Cat. No.:	HY-D0858C
CAS No.:	1266615-59-1
Molecular Formula:	C ₆ H ₁₃ NO ₄ S.xH ₂ O
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature, keep dry and cool
	In solvent -80°C 2 years
	-20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 175 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	MES (2-Morpholinoethanesulphonic acid) hydrate is a kind of amphoteric ion buffer, the buffer capacity ranging pH 5.5-7.0. As a Good's buffer, MES hydrate is widely used in biochemistry and molecular biology experiments, such as cell culture, enzyme activity determination, electrophoresis and protein studies ^{[1][2]} .
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CUSTOMER VALIDATION

- J Nanobiotechnology. 2024 Sep 12;22(1):556.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. N E Good, et al. Hydrogen ion buffers for biological research. Biochemistry. 1966 Feb;5(2):467-77.
- [2]. Tomoko Kagenishi, et al. MES Buffer Affects Arabidopsis Root Apex Zonation and Root Growth by Suppressing Superoxide Generation in Root Apex. Front Plant Sci. 2016 Feb 18;7:79.

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

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