



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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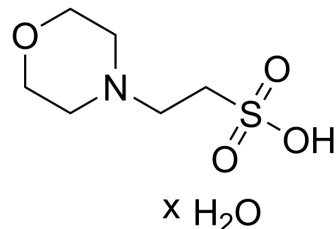
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MES hydrate

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



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 buffering agent in biology and biochemistry. MES hydrate is one of the Good's buffers, the buffer capacity ranging pH 5.5-7.0. MES hydrate is broadly used to regulate pH value for plants culture medium, reagent solution, and physiological experiments ^{[1][2]} .
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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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