



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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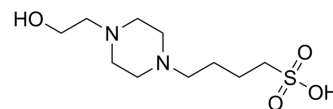
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HEPBS

Cat. No.:	HY-W105704		
CAS No.:	161308-36-7		
Molecular Formula:	C ₁₀ H ₂₂ N ₂ O ₄ S		
Molecular Weight:	266.36		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (469.29 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.7543 mL	18.7716 mL	37.5432 mL
5 mM	0.7509 mL	3.7543 mL	7.5086 mL
10 mM	0.3754 mL	1.8772 mL	3.7543 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

HEPBS is a zwitterionic buffering agent with a pH range (7.6-9.0) similar to that of biological systems. HEPBS can be used in the culture of cells^[1].

REFERENCES

[1]. N Roy L, et al. Buffer Standards for the Physiological pH of N-(2-Hydroxyethyl) piperazine-N'-4-butananesulfonic Acid (HEPBS) from 5 to 55 C. The Open Electrochemistry Journal, 2012, 4(1).

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

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