



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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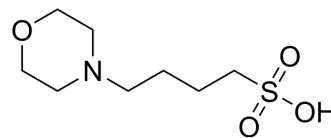
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MOBS

Cat. No.:	HY-W127629
CAS No.:	115724-21-5
Molecular Formula:	C ₈ H ₁₇ NO ₄ S
Molecular Weight:	223.29
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (559.81 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		4.4785 mL	22.3924 mL	44.7848 mL
	5 mM		0.8957 mL	4.4785 mL	8.9570 mL
	10 mM		0.4478 mL	2.2392 mL	4.4785 mL

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

BIOLOGICAL ACTIVITY

Description

MOBS is an amphoteric buffer, a butane analogue of the Good buffers MOPS [3-(N-morpholino) propanesulfonic acid] and MES [2-(N-morpholino) ethanesulfonic acid]^[1].

REFERENCES

[1]. Rabindra N. Roy, et al. Buffer Standards for the Physiological pH of Zwitterionic Compounds, MOBS and TABS from 5 to 55°C. Journal of Solution Chemistry volume 33, pages1199–1211.

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

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