



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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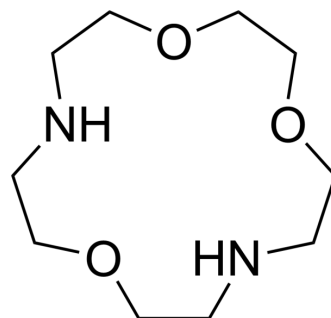
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Diaza-15-crown-5

Cat. No.:	HY-W102545
CAS No.:	31249-95-3
Molecular Formula:	C ₁₀ H ₂₂ N ₂ O ₃
Molecular Weight:	218.29
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diaza-15-crown-5 extends the lifetime of M intermediates in BR membranes. Diaza-15-crown-5 is a crown ether compound that alters the surface charge of BR membranes. Diaza-15-crown-5 changes the surface charge of the BR film, and overall membrane stability. Diaza-15-crown-5 allows the M state to be maintained for a longer period of time^[1].

REFERENCES

[1]. Liang, B. et al.. Prolonged lifetime of the M intermediate in D96N-mutant bacteriorhodopsin films enhanced by diaza-15-crown-5. *New Journal of Chemistry*, 26(8), 1049–1053.

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

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