



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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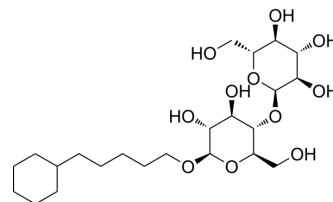
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CYMAL-5

| | |
|--------------------|---|
| Cat. No.: | HY-123622 |
| CAS No.: | 250692-65-0 |
| Molecular Formula: | C ₂₃ H ₄₂ O ₁₁ |
| Molecular Weight: | 494.57 |
| Target: | Biochemical Assay Reagents |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

CYMAL-5 is a cycloalkyl aliphatic saccharide. CYMAL-5 is a glycosidic surfactant (GS) with a chiral maltose polar head group and a cyclohexyl-pentyl hydrophobic tail. CYMAL-5 is a non-ionic detergent that has a tenfold lower critical micelle concentration (CMC) in comparison with OG, and has previously been used for membrane protein extraction or crystallization of membrane proteins for X-ray crystallographic studies^{[1][2]}.

REFERENCES

[1]. Ju M, et al. Enantioseparations by capillary electrophoresis using chiral glycosidic surfactants. I. Evaluation of cyclohexyl-pentyl-beta-D-maltoside surfactant. *Electrophoresis*. 1999;20(13):2766-2771.

[2]. Katayama H, et al. Efficient in-gel digestion procedure using 5-cyclohexyl-1-pentyl-beta-D-maltoside as an additive for gel-based membrane proteomics. *Rapid Commun Mass Spectrom*. 2004;18(20):2388-2394.

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

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