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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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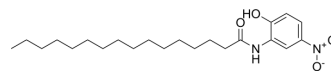
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2'-Hydroxy-5'-nitrohexadecanamide

Cat. No.:	HY-W698964
CAS No.:	60301-87-3
Molecular Formula:	C ₂₂ H ₃₆ N ₂ O ₄
Molecular Weight:	392.53
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2'-Hydroxy-5'-nitrohexadecanamide is a lysosomal hydrolase inhibitor and is a lipid containing pentadecanoic acid and a terminal nitrophenol in its structure. 2'-Hydroxy-5'-nitrohexadecanamide can cause intracellular lipid accumulation by inhibiting lysosomal hydrolase activity. Additionally, 2'-Hydroxy-5'-nitrohexadecanamide can be used to synthesize chromogenic substrates for measuring sphingolipase activity^[1].

REFERENCES

[1]. Gal AE, et al. Synthesis of 2-n-(hexadecanoyl)-amino-4-nitrophenyl phosphorylcholine-hydroxide, a chromogenic substrate for assaying sphingomyelinase activity. Chem Phys Lipids. 1976 Feb;16(1):71-9.

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

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