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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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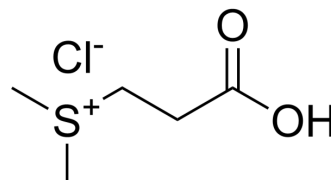
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Dimethylpropiothetin hydrochloride

Cat. No.:	HY-W105506
CAS No.:	4337-33-1
Molecular Formula:	C ₅ H ₁₁ ClO ₂ S
Molecular Weight:	170.66
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dimethylpropiothetin hydrochloride (s,s-Dimethyl-β-propionic acid thietine) is the hydrochloride form of dimethylpropiothetin. Dimethylpropiothetin can be isolated in marine algae, and is a precursor to dimethylsulfide (DMS). Dimethylpropiothetin is involved in osmoregulation in *Hymenomonas carterae*^[1].

REFERENCES

[1]. Vairavamurthy A, et al., Biosynthesis of dimethylsulfide and dimethylpropiothetin by *Hymenomonas carterae* in relation to sulfur source and salinity variations[J]. *Limnology and Oceanography*, 1985, 30(1): 59-70.

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

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