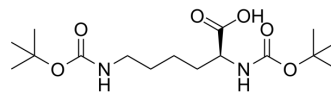


(S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid

Cat. No.:	HY-W007599		
CAS No.:	2483-46-7		
Molecular Formula:	C ₁₆ H ₃₀ N ₂ O ₆		
Molecular Weight:	346.42		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

(S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid is a polypeptide derivative, can be used to synthesis multifunctional amphiphilic peptide dendrimer, as a nonviral gene vectors, realizes the method in cancer research. (S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid also involves in the synthesis of an organic substance that increases the luminescence intensity of alkaline phosphatase substrates^{[1][2]}.

REFERENCES

[1]. Liu XY, et al. Multifunctional amphiphilic peptide dendrimer as nonviral gene vectors for effective cancer therapy via combined gene/photodynamic therapies. *Colloids Surf B Biointerfaces*. 2022 Jun 20;217:112651.

[2]. Huang J, et al. Preparation of fluorescein-based organic substance for enhancing luminescence intensity of alkaline phosphatase substrate and luminescence enhancer: China, CN114685417, 2022-07-01.

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

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