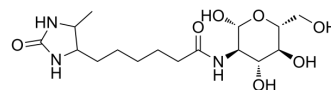


Mannosamine–desthiobiotin adduct

Cat. No.:	HY-157174
Molecular Formula:	C ₁₆ H ₂₉ N ₃ O ₇
Molecular Weight:	375.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mannosamine-desthiobiotin adduct (compound MDTBA) is a carrier immunogenicity-reducing hapten that reduces the immunogenicity of protein carriers upon conjugation to available free amines on the carrier protein surface. Conjugation of Mannosamine-desthiobiotin adduct to hslgG significantly (>1-fold) reduced the immunogenicity of hslgG. Mannosamine-desthiobiotin adduct can be used in antigen design research^[1].

REFERENCES

[1]. Gefen T, et al. The effect of haptens on protein-carrier immunogenicity. *Immunology*. 2015 Jan;144(1):116-26.

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

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