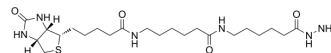


Biotin-XX hydrazide

Cat. No.:	HY-125501
CAS No.:	211237-33-1
Molecular Formula:	C ₂₂ H ₄₀ N ₆ O ₄ S
Molecular Weight:	484.66
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	Biotin-XX hydrazide (Biotin-(AC5)2-hydrazide) is a carbonyl-reactive biotinylation reagent which contains two aminohexanoic acid spacers. Biotin-XX hydrazide has higher efficiency of avidin-binding ^[1] .
In Vitro	Biotin-XX hydrazide contains two aminohexanoic acid spacers which greatly enhances the efficiency of formation of the complex between the biotinylated antibody (or other biotinylated protein) and the avidin-probe conjugate, where the probe can be a fluorochrome or an enzyme ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Haugland RP, et, al. Coupling of antibodies with biotin. Methods Mol Biol. 2008;418:13-24.

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

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