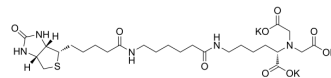


Biotin-X-NTA

Cat. No.:	HY-147169
CAS No.:	856661-92-2
Molecular Formula:	C ₂₆ H ₄₀ K ₃ N ₅ O ₉ S
Molecular Weight:	715.98
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (139.67 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.3967 mL	6.9834 mL	13.9669 mL
	5 mM		0.2793 mL	1.3967 mL	2.7934 mL
	10 mM		0.1397 mL	0.6983 mL	1.3967 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Biotin-X-NTA can be used for detecting histidine-tagged proteins immobilized on nitrocellulose membranes^[1].

REFERENCES

[1]. Medintz IL, et al. Decoration of discretely immobilized cowpea mosaic virus with luminescent quantum dots. Langmuir. 2005 Jun 7;21(12):5501-10.

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

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