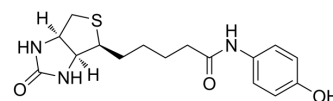


Biotin-4-aminophenol

Cat. No.:	HY-141898		
CAS No.:	901770-40-9		
Molecular Formula:	C ₁₆ H ₂₁ N ₃ O ₃ S		
Molecular Weight:	335.42		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (298.13 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9813 mL	14.9067 mL	29.8134 mL
	5 mM	0.5963 mL	2.9813 mL	5.9627 mL
	10 mM	0.2981 mL	1.4907 mL	2.9813 mL

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

BIOLOGICAL ACTIVITY

Description

Biotin-4-aminophenol is a biotin-phenol analog. Biotin-4-aminophenol generates free radicals and conjugates to tyrosine residues in proteins more efficiently and selectively than the previously reported BP1^[1].

REFERENCES

[1]. Ke M, et al. Spatiotemporal profiling of cytosolic signaling complexes in living cells by selective proximity proteomics. Nat Commun. 2021;12(1):71.

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

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