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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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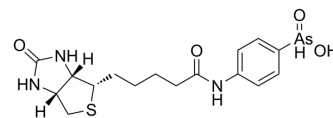
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N-Biotinyl p-aminophenyl arsenic acid

Cat. No.:	HY-W741573		
CAS No.:	212391-23-6		
Molecular Formula:	C ₁₆ H ₂₂ AsN ₃ O ₄ S		
Molecular Weight:	427.35		
Target:	nAChR		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
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 : 10 mg/mL (23.40 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.3400 mL	11.7000 mL	23.4000 mL
	5 mM		0.4680 mL	2.3400 mL	4.6800 mL
	10 mM		0.2340 mL	1.1700 mL	2.3400 mL

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

BIOLOGICAL ACTIVITY

Description

N-Biotinyl p-aminophenyl arsenic acid is a bifunctional reagent that can bind to both streptavidin and dithiols. N-Biotinyl p-aminophenyl arsenic acid decreases the Rbungarotoxin-binding sites in reduced Torpedo nicotinic receptors (IC₅₀ is 10-300 nM), and protects the receptor from irreversible alkylation by bromoacetylcholine^[1].

REFERENCES

[1]. Moaddel R, et al., Novel biotinylated phenylarsonous acids as bifunctional reagents for spatially close thiols: studies on reduced antibodies and the agonist binding site of reduced Torpedo nicotinic receptors. Bioconjug Chem. 1999 Jul-Aug;10(4):629-37.

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

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