# MedChemExpress

## **Product** Data Sheet

## NH2-C6-ARC186 sodium

Cat. No.:	HY-153785	
Molecular Weight:	12881	
Target:	Complement System	
Pathway:	Immunology/Inflammation	NH <sub>2</sub> -G <sub>2</sub> -ICmGICICGICmGmGIUICIUICmAmGmGICGICIUmGn
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

		Solvent Mass Concentration	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	0.0776 mL	0.3882 mL	0.7763 mL
	Stock Solutions	5 mM	0.0155 mL	0.0776 mL	0.1553 mL
		10 mM			

BIOLOGICAL ACTIVITY			
Description	NH2-C6-ARC186 sodium is a modified ARC186 (HY-153098) with NH <sub>2</sub> -C <sub>6</sub> that can be coupled to other peptides or molecules. ARC186 is a aptamer and a highly potent complement inhibitor that function by blocking the convertase-catalyzed activation of C5 <sup>[1]</sup> .		

#### REFERENCES

[1]. Aptamer therapeutics useful in the treatment of complement-related disorders. WO2006088888A2.

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

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