

## Product Data Sheet

### Huwentoxin IV

<b>Cat. No.:</b>	B5693
<b>CAS No.:</b>	526224-73-7
<b>Formula:</b>	C <sub>174</sub> H <sub>278</sub> N <sub>52</sub> O <sub>51</sub> S <sub>6</sub>
<b>M.Wt:</b>	4106.79
<b>Synonyms:</b>	
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	Sodium Channel
<b>Storage:</b>	Store at -20°C

### Solvent & Solubility

 Soluble to 1 mg/ml in H<sub>2</sub>O

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	0.2435 mL	1.2175 mL	2.4350 mL
		5 mM	0.0487 mL	0.2435 mL	0.4870 mL
		10 mM	0.0243 mL	0.1217 mL	0.2435 mL

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

### Biological Activity

Shortsummary

NaV1.7 channel blocker

 IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

Applications:

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEx BIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

