

## Technical Data Sheet HUWENTOXIN IV

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### Compound Information

<b>Product Name:</b>	HUWENTOXIN IV
<b>CAS No.:</b>	526224-73-7
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>27</sub> N <sub>5</sub> O <sub>5</sub> S <sub>6</sub>
<b>Storage:</b>	-20°C, sealed
<b>Revision Date:</b>	2026-04-15

### Analytical Information

Tests	Specifications
Description	Huwentoxin IV TFA is a selective NaV1.7 channel blocker, which preferentially inhibits neuronal NaV1.7, 1.2 and 1.3 (IC <sub>50</sub> values are 26, 150 and 338 nM respectively), compared to muscle subtypes NaV1.4 and 1.5 (IC <sub>50</sub> = >10 μM).
Form	Powder
Solubility	Water 1 mg/mL
Purity	>98%

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