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## Product Datasheet

### Tertiapin LQ ISC-KC-030

|                            |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Tertiapin LQ                                                                                                                                                                                                                                                                                      |
| Biozol Catalog Number      | ISC-KC-030                                                                                                                                                                                                                                                                                        |
| Supplier Catalog Number    | KC-030                                                                                                                                                                                                                                                                                            |
| Alternative Catalog Number | ISC-KC-030                                                                                                                                                                                                                                                                                        |
| Manufacturer               | Isca Biochemicals                                                                                                                                                                                                                                                                                 |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                    |
| Product Description        | Tertiapin LQ is a selective blocker of Kir1.1 channels, obtained by modifying <a href="#">tertiapin</a> , the toxin from the honey bee venom. <a href="#">Tertiapin LQ blocks Kir1 with high affinity (1.1 nM) and high selectivity (&gt;250-fold) over many commonly studied Kir subtypes...</a> |
| Molecular Weight           | 2428.03                                                                                                                                                                                                                                                                                           |
| NCBI                       | <a href="#">2008</a>                                                                                                                                                                                                                                                                              |
| Purity                     | >95% by hplc                                                                                                                                                                                                                                                                                      |
| Form                       | Freeze dried solid                                                                                                                                                                                                                                                                                |
| Sequence                   | H-Ala-Leu-Cys*-Asn-Cys*-Asn-Arg-Ile-Ile-Ile-Pro-Leu-Gln-Cys*-Trp-Lys-Lys-Cys*-Gly-Lys-Lys-NH <sub>2</sub> , disulfide bridges between cysteines 3 - 14 and 5 - 18                                                                                                                                 |
| Formula                    | C <sub>106</sub> H <sub>179</sub> N <sub>33</sub> O <sub>24</sub> S <sub>4</sub>                                                                                                                                                                                                                  |
| Target                     | Potassium channels                                                                                                                                                                                                                                                                                |
| Application Notes          | ProductType: Peptides                                                                                                                                                                                                                                                                             |