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<b>Product Name</b>	: Iberiotoxin	{Glp}-FTDVDCSVSKECWSVCKDLFGVDRGKCMGKKCRCYQ (Disulfide bridge:Cys7-Cys28,Cys13-Cys33,Cys17-Cys35)
<b>Cat. No.</b>	: PC-60654	
<b>CAS No.</b>	: 129203-60-7	
<b>Molecular Formula</b>	: C <sub>179</sub> H <sub>274</sub> N <sub>50</sub> O <sub>55</sub> S <sub>7</sub>	
<b>Molecular Weight</b>	: 4230	
<b>Target</b>	: Potassium Channel	
<b>Solubility</b>	: H <sub>2</sub> O: 0.70 mg/ml	

## Biological Activity

Iberiotoxin (IbTX) is a selective, potent peptidyl blocker of the big conductance Ca<sup>2+</sup>-activated K<sup>+</sup> channel (**BKCa**, KCa1.1, MaxiK) with IC<sub>50</sub> of 0.25 nM.

Iberiotoxin reversibly blocks PK,Ca in excised membrane patches from bovine aortic smooth muscle.

## References

Nausch B, et al. *J Pharmacol Exp Ther*. 2014 Sep;350(3):520-30.

Suarez-Kurtz G, et al. *J Pharmacol Exp Ther*. 1991 Oct;259(1):439-43.

Galvez A, et al. *J Biol Chem*. 1990 Jul 5;265(19):11083-90.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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