Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



# **DATASHEET**

Pept 01

#### **Product overview**

Name Pept 01 Cat No HB7890 **Biological action** Inhibitor **Purity** >95%

Description Novel SAKcaC potassium channel inhibitor

### **Biological Data**

**Biological description** Novel Stretch-activated big potassium channel (SAKcaC) inhibitor. 17-residue peptide derived from

GsMTx4 which shows comparable efficacy as GsMTx4 at SAKcaC.

## **Solubility & Handling**

Solubility overview Soluble in water (1 mg/ml)

-20°C Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** Stable for ambient temperature shipping. Follow storage instructions on receipt.

**Important** 

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

### **Chemical Data**

**Molecular Weight** 2051.44 Molecular Formula  $C_{85}H_{139}N_{27}O_{24}S_4$ 

### References

Two types of peptides derived from the neurotoxin GsMTx4 inhibit a mechanosensitive potassium channel by modifying the mechanogate.

Zhou N et al (2022) The Journal of biological chemistry 298

**PubMedID** 35933015