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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.
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Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in water (1 mg/ml)
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](#)
