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DATASHEET

Pept 02

Product overview

Name	Pept 02
Cat No	HB8302
Biological action	Inhibitor
Purity	>95%
Description	Novel potent SAKcaC potassium channel inhibitor

Biological Data

Biological description	Novel, potent stretch-activated big potassium channel (SAKcaC) inhibitor which inhibits SAKcaC in a dose- and voltage-dependent manner. More potent at SAKcaC than GsMTx4 .
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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	1222.5
Molecular Formula	C ₅₀ H ₇₅ N ₁₅ O ₁₇ S ₂

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](#)
