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DATASHEET

BDS II

Product overview

Name	BDS II
Cat No	HB1242
Biological action	Inhibitor
Description	Selective, reversible K _v 3 channel inhibitor

Biological Data

Biological description	Selective and reversible K _v 3 channel inhibitor. Found in the venom of the sea anemone <i>Anemonia sulcata</i> . Shows higher selectivity for K _v 3.4 (IC ₅₀ = 56 nM). Also antagonist at receptor site 3 of voltage-gated sodium channels (IC ₅₀ = 5.2 μM). Displays antihypertensive and antiviral properties.
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Solubility & Handling

Storage instructions	-20 °C
Storage buffer	soluble in any aqueous buffer
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

Chemical structure
