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

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

customercare-usa@m2stage.hellobio.com



DATASHEET

BDS I

Product overview

Name BDS II
Cat No HB1242
Biological action Inhibitor

Description Selective, reversible K_v3 channel inhibitor

Biological Data

Biological description Selective and reversible K_v 3 channel inhibitor. Found in the venom of the sea anemone Anemonia

sulcata. Shows higher selectivity for $K_v 3.4$ (IC₅₀ = 56 nM). Also antagonist at receptor site 3 of voltage-

gated sodium channels (IC $_{50}$ = 5.2 $\mu\text{M}).$ Displays antihypertensive and antiviral properties.

Solubility & Handling

Storage instructions

-20°C

Storage buffer Important soluble in any aqueous buffer

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