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DATASHEET

SNX 482

Product overview

Name	SNX 482
Cat No	HB1235
Biological action	Blocker
Purity	>95%
Description	Reported to be a potent, selective $\text{Ca}_v2.3$ (R-type) channel blocker

Images



Biological Data

Biological description	Reported to be a potent and selective $\text{Ca}_v2.3$ (R-type, $\alpha 1E$) channel blocker ($\text{IC}_{50} = 30 \text{ nM}$) and shows incomplete inhibition of $\text{Ca}_v1.2$ (L-type, $\alpha 1C$). Also shown to inhibit potassium Kv4.3 and Kv4.2 channels and to inhibit A-Type potassium current. Caution should therefore be used when interpreting effects of SNX-482 on cells and circuits when Kv4.3 and Kv4.2 channels are also present. Shows antinociceptive actions.
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Solubility & Handling

Storage instructions	-20 °C (desiccate)
Solubility overview	Soluble in water
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 name	H-Gly-DL-Val-DL-Asp-DL-Lys-DL-Ala-Gly-DL-Cys(1)-DL-Arg-DL-Tyr-DL-Met-DL-Phe-Gly-Gly-DL-Cys(2)-DL-Ser-DL-Val-DL-Asn-DL-Asp-DL-Asp-DL-Cys(3)-DL-Cys(1)-DL-Pro-DL-Arg-DL-Leu-Gly-DL-Cys(2)-DL-His-DL-Ser-DL-Leu-DL-Phe-DL-Ser-DL-Tyr-DL-Cys(3)-DL-Ala-DL-Trp-DL-Asp-DL-Leu-DL-xiThr-DL-Phe-DL-Ser-DL-Asp-OH
Molecular Weight	4495.01

