

## 11R-CaN-AID

Cat. No.:	HY-P10167
CAS No.:	650603-03-5
Molecular Formula:	C <sub>135</sub> H <sub>248</sub> N <sub>70</sub> O <sub>34</sub> S <sub>2</sub>
Molecular Weight:	3459.99
Sequence:	Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Gly-Gly-Gly-Arg-Met-Ala-Pro-Pro-Arg-Arg-Asp-Ala-Met-Pro-Ser-Asp-Ala
Sequence Shortening:	RRRRRRRRRRGGGRMAPPRRDAMPDA
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

11R-CaN-AID is a potent and cell permeant inhibitor of calcineurin<sup>[1][2]</sup>.

### REFERENCES

[1]. Activity-Dependent Fusion Pore Expansion Regulated by a Calcineurin-Dependent Dynamin-Syndapin Pathway in Mouse Adrenal Chromaffin Cells. J Neurosci. 2012 Jul 25;32(30):10438-47.

[2]. Hiroaki Terada, et al. Inhibition of excitatory neuronal cell death by cell-permeable calcineurin autoinhibitory peptide. J Neurochem. 2003 Dec;87(5):1145-51.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA