

## A-30912A nucleus hydrochloride

Cat. No.:	HY-108954
CAS No.:	1029890-89-8
Molecular Formula:	C <sub>34</sub> H <sub>52</sub> ClN <sub>7</sub> O <sub>15</sub>
Molecular Weight:	834.27
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	A-30912A nucleus hydrochloride is the product of the reaction catalyzed by Echinocandin B (ECB) deacylase <sup>[1]</sup> .
In Vitro	Echinocandin B (ECB), obtained by the fermentation of <i>Aspergillus nidulans</i> and <i>Aspergillus rugulosus</i> , is known as one of the natural cyclic hexapeptides that have a linoleoyl side chain, which inhibits a crucial enzyme in fungal cell wall biosynthesis, $\beta$ -(1,3)-D-glucan synthase <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Lei Shao, et al. Efficient bioconversion of echinocandin B to its nucleus by overexpression of deacylase genes in different host strains. *Appl Environ Microbiol.* 2013 Feb;79(4):1126-33.

**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