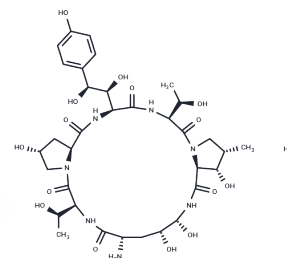


## ECBN HCL

## Chemical Properties

CAS No. :	1029890-89-8
Formula:	C <sub>34</sub> H <sub>52</sub> ClN <sub>7</sub> O <sub>15</sub>
Molecular Weight:	834.27
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	ECBN HCL (A-30912A nucleus hydrochloride) is the reaction product catalyzed by Echinocandin B (ECB) deacylase.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 60 mg/mL (71.92 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1987 mL	5.9933 mL	11.9865 mL
5 mM	0.2397 mL	1.1987 mL	2.3973 mL
10 mM	0.1199 mL	0.5993 mL	1.1987 mL
50 mM	0.024 mL	0.1199 mL	0.2397 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Shao L , Li J , Liu A , et al. Efficient Bioconversion of Echinocandin B to Its Nucleus by Overexpression of Deacylase Genes in Different Host Strains[J]. Applied & Environmental Microbiology, 2013, 79(4):1126-1133.

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