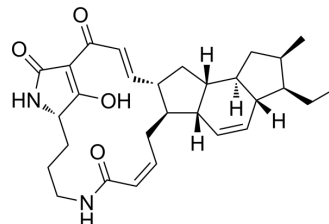


## Ikarugamycin

Cat. No.:	HY-119764		
CAS No.:	36531-78-9		
Molecular Formula:	C <sub>29</sub> H <sub>38</sub> N <sub>2</sub> O <sub>4</sub>		
Molecular Weight:	478.62		
Target:	Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	Ikarugamycin is an antibiotic and a inhibitor of clathrin-mediated endocytosis (CME) <sup>[1]</sup> .
IC <sub>50</sub> & Target	Clathrin-mediated endocytosis <sup>[1]</sup>
In Vitro	Ikarugamycin has an IC <sub>50</sub> of 2.7 μM in H1299 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- J Extracell Vesicles. 2021 Jan;10(3):e12051.
- J Immunother Cancer. 2023 Jul;11(7):e006785.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Elkin SR, et al. Ikarugamycin: A Natural Product Inhibitor of Clathrin-Mediated Endocytosis. Traffic. 2016 Oct;17(10):1139-49.

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

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