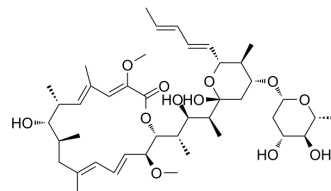


## PC-766B

Cat. No.:	HY-112661
CAS No.:	108375-77-5
Molecular Formula:	C <sub>43</sub> H <sub>68</sub> O <sub>12</sub>
Molecular Weight:	776.99
Target:	Antibiotic; Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

PC-766B is a macrolide antibiotic. PC-766B is active against Gram-positive bacteria, and some fungi and yeasts, but inactive against Gram-negative bacteria. PC-766B shows antitumor activity against murine tumor cells. PC-766B has weak inhibitory activity against Na<sup>+</sup>, K<sup>+</sup>-ATPase<sup>[1][2]</sup>.

### REFERENCES

[1]. Kumagai K, et, al. PC-766B, a new macrolide antibiotic produced by *Nocardia brasiliensis*. I. Taxonomy, fermentation and biological activity. *J Antibiot (Tokyo)*. 1993 Jun;46(6):972-8.

[2]. Kumagai K, et, al. PC-766B, a new macrolide antibiotic produced by *Nocardia brasiliensis*. II. Isolation, physico-chemical properties and structure elucidation. *J Antibiot (Tokyo)*. 1993 Jul;46(7):1139-44.

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

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