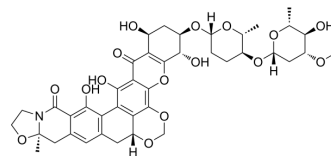


## Kigamicin C

Cat. No.:	HY-127155
CAS No.:	680571-51-1
Molecular Formula:	C <sub>41</sub> H <sub>47</sub> NO <sub>16</sub>
Molecular Weight:	809.81
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Kigamicin C is an anti-tumor antibiotic that selectively kills pancreatic cancer PANC-1 cells only in nutrient-poor conditions. Kigamicin C has antimicrobial activity against Gram-positive bacteria including methicillin-resistant *Staphylococcus aureus* (MRSA)<sup>[1]</sup>.

### REFERENCES

[1]. Kunimoto S, et al. Kigamicins, novel antitumor antibiotics. I. Taxonomy, isolation, physico-chemical

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

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