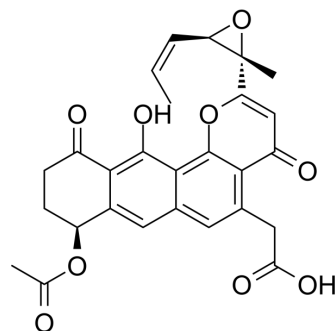


## Kapurimycin A3

Cat. No.:	HY-125633
CAS No.:	129966-45-6
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> O <sub>9</sub>
Molecular Weight:	492.47
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Kapurimycin A3 is an antitumor and antibacterial antibiotic. Kapurimycin A3 has DNA binding and breakage activity. Kapurimycin A3 can be isolated from *Streptomyces*<sup>[1][2]</sup>.

### REFERENCES

- [1]. Hara M, et al. Covalent modification and single-strand scission of DNA by a new antitumor antibiotic kapurimycin A3. *Biochemistry*. 1990 Nov 20;29(46):10449-55.
- [2]. PRODUCING ORGANISM, et al. THE KAPURIMYCINS, NEW ANTITUMOR ANTIBIOTICS PRODUCED BY STREPTOMYCES. *The Journal of Antibiotics*. 1990. 43 (12), p. 1513-1518

**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