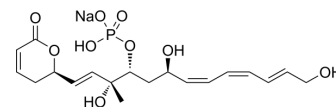


## Fostriecin sodium

Cat. No.:	HY-106702
CAS No.:	87860-39-7
Molecular Formula:	C <sub>19</sub> H <sub>26</sub> NaO <sub>9</sub> P
Molecular Weight:	452.37
Target:	Antibiotic; Phosphatase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Fostriecin (sodium) (compound 1, CI-920) is an antibiotic with a cytotoxic activity. Fostriecin (sodium) is also an inhibitor of protein phosphatase including PP4 (IC<sub>50</sub>= 3 nM) and PP2 (IC<sub>50</sub>=1.5 nM)<sup>[1]</sup>.

### REFERENCES

[1]. Keisuke Mak, et al. Catalyst-controlled asymmetric synthesis of fostriecin and 8-epi-fostriecin. J Am Chem Soc. 2005, 127, 48.

[2]. C J Hastie, et al. Purification of protein phosphatase 4 catalytic subunit: inhibition by the antitumour drug fostriecin and other tumour suppressors and promoters. FEBS Lett. 1998, 431, 3.

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

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