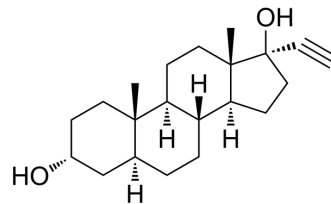


## Apoptone

Cat. No.:	HY-16247
CAS No.:	183387-50-0
Molecular Formula:	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>
Molecular Weight:	316.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Apoptone, synthetic analogue of 3β-androstane-3,17-diol, is an orally bioavailable anticancer agent. Apoptone is active in rodent models of prostate and breast cancer<sup>[1]</sup>. Apoptone is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

### REFERENCES

[1]. Ahlem C, et al. 17α-alkynyl 3α, 17β-androstane-3,17-diol non-clinical and clinical pharmacology, pharmacokinetics and metabolism. Invest New Drugs. 2012 Feb;30(1):59-78.

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

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