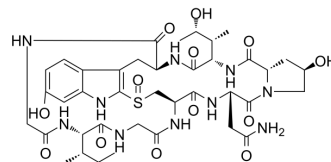


## γ-Amanitin

Cat. No.:	HY-131081
CAS No.:	21150-23-2
Molecular Formula:	C <sub>39</sub> H <sub>54</sub> N <sub>10</sub> O <sub>13</sub> S
Molecular Weight:	902.97
Target:	DNA/RNA Synthesis; ADC Cytotoxin
Pathway:	Cell Cycle/DNA Damage; Antibody-drug Conjugate/ADC Related
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

Description	γ-Amanitin an ADC cytotoxin and isolated from the mushroom. γ-Amanitin inhibits RNA polymerase II and disrupts synthesis of mRNA. γ-Amanitin shows similar effects to α-Amanitin and β-Amanitin. γ-Amanitin competitively binds to monoclonal antibody (mAb), with an IC <sub>50</sub> of 163.1 ng/mL <sup>[1]</sup> .
IC <sub>50</sub> & Target	Traditional Cytotoxic Agents

### REFERENCES

[1]. He K, et al. Production of a broad-specificity monoclonal antibody and application as a receptor to detection amatoxins in mushroom. *Biologicals*. 2017 Sep;49:57-61.

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

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