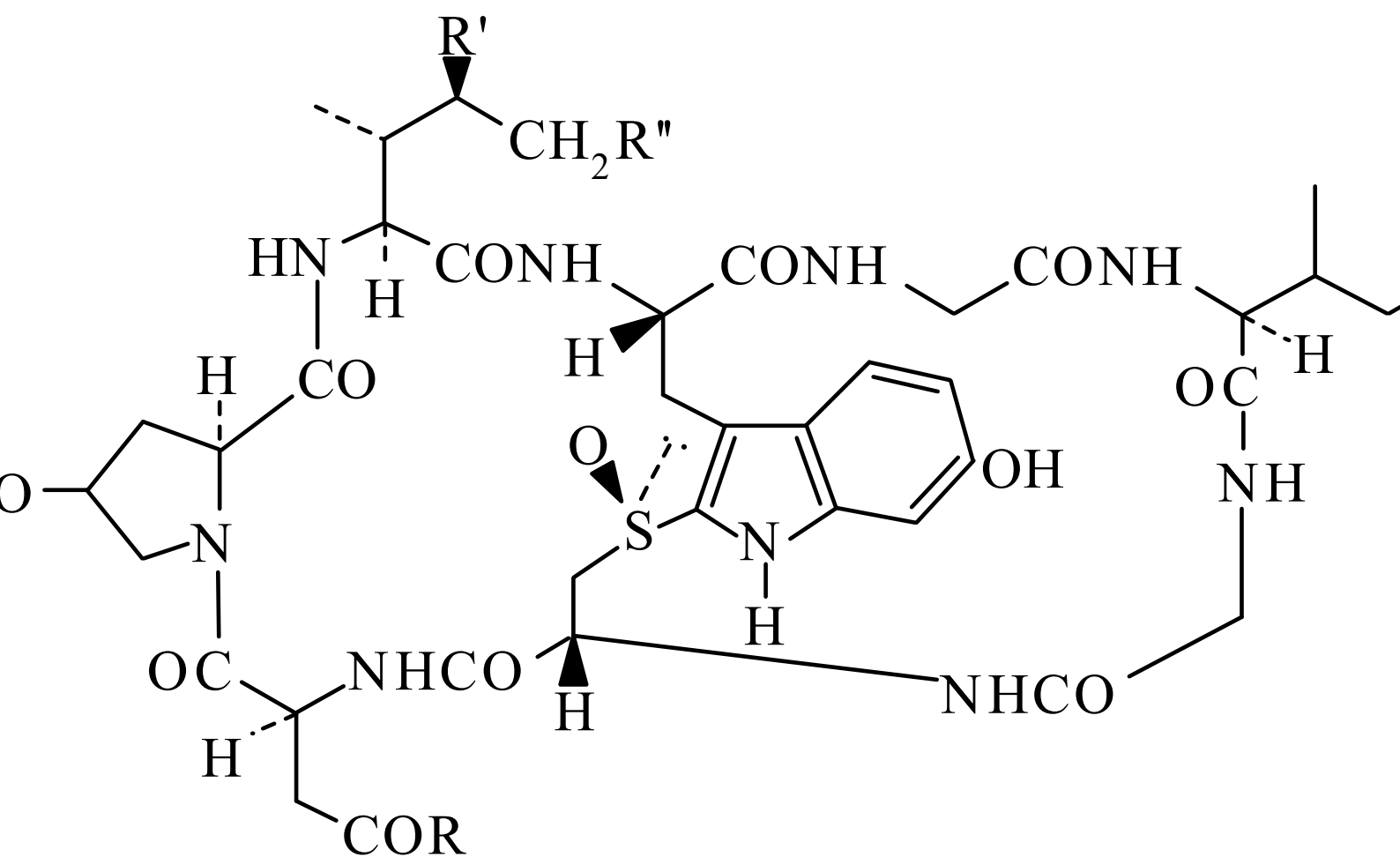




>>Entry Name: Amanitin

Synonym(s): Amantin. Amatoxin



$\alpha$ -Amanitin,  $R = NH_2$   $R' = R'' = OH$   
 $= R' = R'' = OH$

Related CAS Registry Numbers(s) 11030-71-6

$\beta$ -Amanitin,  $R = NH_2$ ,  $R' = OH$ ,  $R'' = H$   
 $= R' = OH$ ,  $R'' = H$

>>Variant:  $\alpha$ -Amanitin

CAS Registry Number: 23109-05-9

Molecular Formula:  $C_{29}H_{45}N_7O_{14}S$

Molecular Weight: 918.98

Accurate Mass: 918.35417

Percentage Composition: C 50.97%; H 5.92%; N 15.24%; O 24.37%; S 3.49%

Biological Source: Toxic constit. of *Amanita phalloides*. Also from *Amanita verna*, *Amanita bisporigera*, *Galerina autumnalis*, *Galerina marginata* and *Galerina venenata*