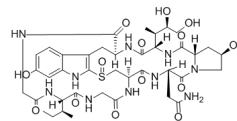


Product Name : alpha-Amanitin
Synonyms : α-Amanitin; α-Amatoxin
Cat No. : M13648
CAS Number : 23109-05-9
Molecular Formula : C₃₉H₅₄N₁₀O₁₄S
Formula Weight : 918.97



Chemical Name : α-Amanitin

Description : α-Amanitin, an 8-Aa cyclic peptide, is an selective inhibitor of RNA polymerase II and III; a suitable toxic ADC payload for antibody-drug conjugates design.

Pathway : Antibody Drug Conjugates (ADC)

Target : ADC Cytotoxin

Receptor : ADC Cytotoxin

Solubility : 10 mM in DMSO

SMILES : CCC(C)C1C(=O)NCC(=O)NC2CS(=O)C3=C(CC(C(=O)NCC(=O)N1)NC(=O)C(NC(=O)C4CC(CN4C(=O)C(NC2=O)CC(=O)N)O)C(C)C(CO)O)C5=C(N3)C=C(C=C5)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Davis MT, et al. Science. 1981 Sep 18;213(4514):1385-8.| 2. Kume K, et al. Sci Rep. 2016 May 16;6:25895.| 3. Wagner SD, et al. EMBO J. 2013 Mar 20;32(6):781-90.