

Product Datasheet

MC-VC-PABC-C6-alpha-Amanitin (orb1942934)

Catalog Number	orb1942934
Category	Small Molecules
Description	MC-VC-PABC-C6-alpha-Amanitin is an antibody-drug conjugate (ADC) designed for targeted delivery of the RNA polymerase II inhibitor alpha-Amanitin to HER2-positive cells. It serves as a key research tool for investigating targeted therapies in HER2-overexpressing cancers, such as breast and gastric cancer, in both in vitro and in vivo experimental models.
Target	Drug-Linker Conjugates for ADC
MW	1616.79
CAS Number	2922514-69-8
Formula	C ₇₄ H ₁₀₅ N ₁₇ O ₂₂ S
SMILES	<chem>O=S1C2=C(C=3C(N2)=CC(OCCCCCNC(OCC4=CC=C(NC([C@H](NC(CCCCN5C(=O)C=CC5=O)=O)[C@@H](C)C)=O)CCCNC(N)=O)=O)C=C4)=O)C(C3)C[C@@]6(NC(=O)[C@]([C@H]([C@H](CO)O)C)(NC(=O)[C@]7(N(C(=O)[C@H](CC(N)=O)NC(=O)[C@](C1)(NC(=O)CNC(=O)[C@]([C@H](CC)C)(NC(=O)CNC6=O)[H])[H])C[C@H](O)C7)[H])[H])[H]</chem>
Storage	-20°C
Note	For research use only

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