

<b>Product Name</b>	: Duostatin 5
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M37127
<b>CAS Number</b>	: 2124210-34-8
<b>Molecular Formula</b>	: C <sub>40</sub> H <sub>69</sub> N <sub>9</sub> O <sub>6</sub>
<b>Formula Weight</b>	: 772.03
<b>Chemical Name</b>	: —
<b>Description</b>	Duostatin 5 is a cytotoxin designed based on dolastatin, can meet the requirement of serving as an effective cytotoxin in ADC, but has the advantages of fewer synthesis steps, easy operation, less difficulty in quality control and more stable chemical synthesis process.
<b>Pathway</b>	: Antibody Drug Conjugates (ADC)
<b>Target</b>	: ADC Cytotoxin
<b>Receptor</b>	: ADC Cytotoxin
<b>Solubility</b>	: In Vitro: ?DMSO : 125 mg/mL (161.91 mM; Ultrasonic )
<b>SMILES</b>	: <chem>[C@H]([C@H](C(N[C@@H](CC1=CC=C(N)C=C1)CN=[N+]=[N-])=O)C)(OC)[C@]2(N(C(C[C@H]([C@@H](N(C([C@@H](NC([C@H](C(C)C)N(C)C)=O)[C@@H](C)C)=O)C)[C@H](CC)C)OC)=O)CCC2)[H]</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Toxin for antibody drug conjugate and preparation method thereof. CN107857798B.