MC-Val-Cit-PAB-MMAF

Cat. No.: HY-112786
CAS No.: 863971-17-9
Molecular Formula: C₆₈H₁₀₃N₁₁O₁₆
Molecular Weight: 1330.61
Target: Drug-Linker Conjugates for ADC; Microtubule/Tubulin
Pathway: Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton
Storage: 4°C, stored under nitrogen
* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

**SOLVENT & SOLUBILITY**

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>DMSO : 100 mg/mL (75.15 mM; Need ultrasonic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent</td>
<td>Mass</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>1 mM</td>
<td>0.7515 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.1503 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.0752 mL</td>
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</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

**BIOLOGICAL ACTIVITY**

**Description**
MC-Val-Cit-PAB-MMAF is a drug-linker conjugate for ADC with antitumor activity by using the tubulin inhibitor, MMAF, linked via cathepsin cleavable MC-Val-Cit-PAB.

**IC₅₀ & Target**
Auristatin

**REFERENCES**


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

Tel: 609-228-6898       Fax: 609-228-5909       E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA