



## Product Information

### E3 ligase ligand-linker conjugate inhibitor, cIAP1 ligand-linker conjugates 15 hydrochloride, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM718

**Size:** 1 mg; 5 mg; 10 mg; 20 mg

**CAS Number:** 1225383-36-7

**Compound CID:** 168012257

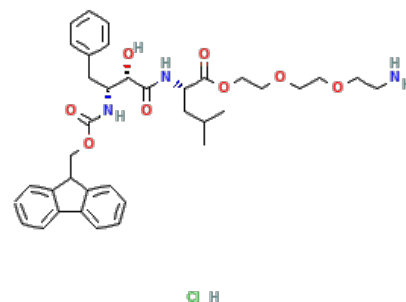
**Synonym:** 1225383-36-7; E3 ligase ligand-linker conjugate 34 hydrochloride;

2-[2-(2-Aminoethoxy)ethoxy]ethyl

(2S)-2-[[[(2S,3R)-3-(9H

-fluoren-9-ylmethoxycarbonylamino)-2-hydroxy-4-phenylbutanoyl]amino]-4-methylpentanoate; hydrochloride; E3 ligase ligand-linker conjugate inhibitor

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

|                          |                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | cIAP1 ligand-linker conjugates 15 hydrochloride is an effective PROTAC inhibitor, that has the ability to prevent the pathway of E3 ligase ligand-linker conjugation. The molecular weight of the compound is 698.25, and its molecular formula is C <sub>37</sub> H <sub>48</sub> ClN <sub>3</sub> O <sub>8</sub> . |
| <b>Molecular Weight</b>  | 698.25                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Formula</b> | C <sub>37</sub> H <sub>48</sub> ClN <sub>3</sub> O <sub>8</sub>                                                                                                                                                                                                                                                      |
| <b>IUPAC Name</b>        | 2-[2-(2-Aminoethoxy)ethoxy]ethyl<br>(2S)-2-[[[(2S,3R)-3-(9H<br>-fluoren-9-ylmethoxycarbonylamino)-2-hydroxy-4-phenylbutanoyl]amino]-4-methylpentanoate;hydroc<br>hlride                                                                                                                                              |
| <b>InChI</b>             | InChI=1S/C37H47N3O8.ClH/c1-25(2)22-33(36(43)47-21-20-46-19-18-45-17-16-38)39-35(42)34(41)<br>32(23-26-10-4-3-5-11-26)40-37(44)48-24-31-29-14-8-6-12-27(29)28-13-7-9-15-30(28)31;/h3-15,25,3<br>1-34,41H,16-24,38H2,1-2H3,(H,39,42)(H,40,44);1H/t32-,33+,34+;/m1./s1                                                  |
| <b>InChI Key</b>         | TUXKBZDECHBKLD-SAIPSRZRZA-N                                                                                                                                                                                                                                                                                          |
| <b>Canonical SMILES</b>  | CC(C)CC(C(=O)OCCOCCOCCN)NC(=O)C(C(CC1=CC=CC=C1)NC(=O)OCC2C3=CC=CC=C3C4=<br>CC=CC=C24)O.Cl                                                                                                                                                                                                                            |
| <b>Form</b>              | Lyophilized powder                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>            | $\geq 98\%$                                                                                                                                                                                                                                                                                                          |
| <b>Impurities</b>        | Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.                                                                                                                                                                                                                       |



---

|                      |                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Identity</b>      | Confirmed by NMR/HPLC/MS.                                                                                                                                                                                                         |
| <b>Stability</b>     | In its lyophilized form, the chemical remains stable for 36 months.                                                                                                                                                               |
| <b>Quality Level</b> | Research grade                                                                                                                                                                                                                    |
| <b>Applications</b>  | cIAP1 ligand-linker conjugates 15 hydrochloride can be studied extensively for its potential therapeutic applications in the treatment of oncology, specifically targeting tumors that rely on cIAP1 for resistance to apoptosis. |
| <b>Storage</b>       | Store at -20°C, and keep desiccated.                                                                                                                                                                                              |

---