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**Product Data Sheet**


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Product Name: Fmoc-3VVD-OH

Cat. No.: GC60848

**Chemical Properties**

Cas. No. 863971-44-2

SMILES CN([C@H]([C@H](OC)CC(O)=O)[C@@H](C)CC)C([C@H](C(C)C)NC([C@H](C(C)C)N(C(OCC1C2=C(C3=C1C=CC=C3)C=CC=C2)=O)C)=O)=OFormula C<sub>36</sub>H<sub>51</sub>N<sub>3</sub>O<sub>7</sub> M.Wt 637.81

Solubility DMSO: ≥ 37 mg/mL (58.01 mM); Water: &lt; 0.1 mg/mL (insoluble) Storage 4°C, stored under nitroge

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Fmoc-3VVD-OH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Michinori Akaiwa, et al. Synthesis and Evaluation of Linear and Macrocyclic Dolastatin 10 Analogues Containing Pyrrolidine Ring Modifications. ACS Omega. 2018 May 31;3(5):5212-5221.

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

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