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## Product Data Sheet

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Product Name: Acetylene-linker-Val-Cit-PABC-MMAE (LCB14-0602)

Cat. No.: GC34122

### Chemical Properties

Cas. No. 1411977-95-1

SMILES O=C([C@H](CCNC(N)=O)NC([C@H](C(C)C)NC(COCCOCCOCC#C)=O)=O)NC1=CC=C(COC(N(C)[C@@H](C(C)C)C(N[C@@H](C(C)C)C(N([C@H]([C@@H](CC(N2[C@H]([C@H](OC)[C@H](C(N[C@@H]([C@@H](O)C3=CC=CC=C3)C)=O)C)CCC2)=O)OC)[C@@H](C)CC)C)=O)=O)=O)C=C1

Formula C<sub>67</sub>H<sub>106</sub>N<sub>10</sub>O<sub>16</sub> M.Wt 1307.62

Solubility Soluble in DMSO Storage Store at -20°C, unstable in solution, ready to use.

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

Acetylene-linker-Val-Cit-PABC-MMAE consists the ADCs linker (Acetylene-linker-Val-Cit-PABC) and potent tubulin inhibitor (MMAE), Acetylene-linker-Val-Cit-PABC-MMAE is an antibody drug conjugate.

[1]. PROTEIN-ACTIVE AGENT CONJUGATES AND METHOD FOR PREPARING THE SAME. WIPO Patent Application WO/2012/153193.

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

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