

Mc-Val-Cit-PABC-PNP

产品编号: D51258

CAS: 159857-81-5

分子式: C₃₅H₄₃N₇O₁₁

纯度: ≥98%

InChi: InChI=1S/C35H43N7O11/c1-22(2)31(39-28(43)8-4-3-5-20-40-29(44)17-18-30(40)45)33(47)41(27(32(36)46)7-6-19-38-34(37)48)24-11-9-23(10-12-24)21-52-35(49)53-26-15-13-25(14-16-26)42(50)51/h9-18,22,27,31H,3-8,19-21H2,1-2H3,(H2,36,46)(H,39,43)(H3,37,38,48)/t27-,31-/m0/s1

InChi Key: UQRQGHMQKAXOTE-DHIFEGFHSA-N

Smiles: CC(C)[C@H](NC(=O)CCCCN1C(=O)C=CC1=O)C(=O)N([C@@H](CCCNC(N)=O)C(N)=O)C1=CC=C(COC(=O)OC2C=CC(=CC=2)[N+]([O-])=O)C=C1

外观: 固体粉末

作用通路: ADC Linker

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: MC-Val-Cit-PAB-PNP, also known as Mc-Val-Cit-PABC-PNP, is a cathepsin cleavable ADC peptide linker. The Val-Cit will specifically be cleaved by cathepsin B. Because this enzyme is only present in the lysosome, the ADC payload will only be released in the cell. The Azido group will react with DBCO, BCN or other Alkyne groups through click chemistry. The hydrophilic PEG spacer increases solubility in aqueous media. * * * * * Please also see similar products: #610235: MC-Val-Cit-PAB (ADC peptide linker) and #610234: MC-Val-Cit-PAB-PNP (ADC peptide linker); #620108 Val-cit-PAB-OH (ADC peptide linker).