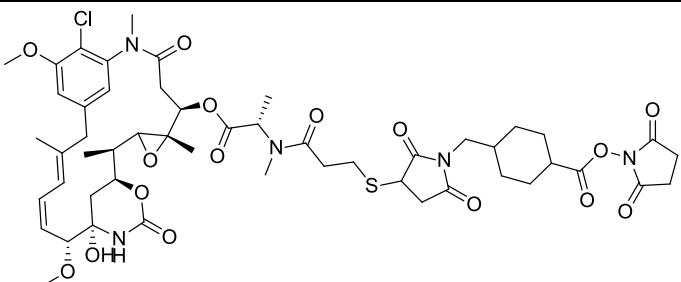




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 407202 | DM1-SMCC | BBC60513 |

| Chemical name | |
|--|--|
| 2,5-dioxopyrrolidin-1-yl 4-((3-((3-(((2S)-1-(((14S,16S,33S,2R,4R,10E,12Z,14R)-86-chloro-14-hydroxy-85,14-dimethoxy-33,2,7,10-tetramethyl-12,6-dioxo-7-aza-1(6,4)-oxazinana-3(2,3)-oxirana-8(1,3)-benzenacyclotetradecaphane-10,12-dien-4-yl)oxy)-1-oxopropan-2-yl)(methyl)amino)-3-oxopropyl)thio)-2,5-dioxopyrrolidin-1-yl)methyl)cyclohexane-1-carboxylate | |
| Synonyms | |
| DM1-SMCC; DM1 SMCC; DM1SMCC. SMCC-DM1. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 407202 Name: DM1-SMCC CAS#: 1228105-51-8 Lot#: BBC60513 Chemical Formula: C ₅₁ H ₆₆ ClN ₅ O ₁₆ S Exact Mass: 1071.39138 Molecular Weight: 1072.62 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | White to off-white solid powder |
| Structure | ¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| Purity (HPLC) | >98.0% |
| Solubility | Soluble in DMSO. |
| Conclusion | This product conforms with MedKoo's quality standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs. |
| Storage condition | Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition |
| Self life | At least 5 years if properly stored. |

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE