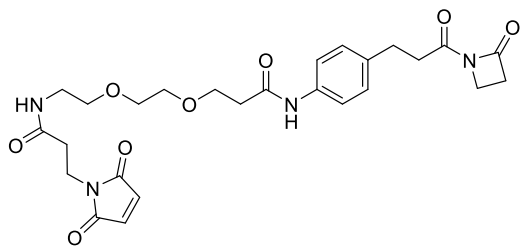




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
530533	PF-05231023	S8S11C16

<b>Chemical name</b>	
2,5-Dihydro-2,5-dioxo-N-[2-[2-[3-oxo-3-[[4-[3-oxo-3-(2-oxo-1-azetidiny)propyl]phenyl]amino]propoxy]ethoxy]ethyl]-1H-pyrrole-1-propanamide	
<b>Synonyms</b>	
PF-05231023; PF05231023; PF 05231023; PF-5231023; PF5231023; PF 5231023	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 530533 Name: PF-05231023 CAS#: 1037589-69-7 Lot#: S8S11C16 Chemical Formula: C <sub>26</sub> H <sub>32</sub> N <sub>4</sub> O <sub>8</sub> Exact Mass: 528.2220 Molecular Weight: 528.56

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> 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.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

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