



Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205941	VRT-043198	S8S03C02

Chemical name	
1. (2S)-1-((S)-2-(4-amino-3-chlorobenzamido)-3,3-dimethylbutanoyl)-N-((3S)-2-hydroxy-5-oxotetrahydrofuran-3-yl)pyrrolidine-2-carboxamide (ring-close) 2. (S)-3-((S)-1-((S)-2-(4-amino-3-chlorobenzamido)-3,3-dimethylbutanoyl)pyrrolidine-2-carboxamido)-4-oxobutanoic acid (ring open)	
Synonyms	
VRT043198, VRT-043198, VRT 043198	
Chemical structure	CAS# and Theoretical analysis
<p>Note: VRT-043198 exists as two isomers in solution as shown above</p>	MedKoo Cat#: 205941 Name: VRT-043198 CAS#: 244133-31-1 Lot#: S8S03C02 Chemical Formula: C ₂₂ H ₂₉ ClN ₄ O ₆ Exact Mass: 480.17756 Molecular Weight: 480.94

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
Shelf life	At least 5 years if properly stored.

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