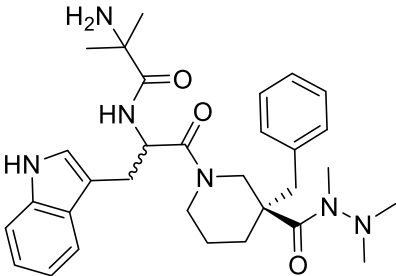


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
200230	Anamorelin HCl	XC30131

Chemical name	
2-amino-N-((R)-1-((R)-3-benzyl-3-(1,2,2-trimethylhydrazinecarbonyl)piperidin-1-yl)-3-(1H-indol-3-yl)-1-oxopropan-2-yl)-2-methylpropanamide hydrochloride	
Synonyms	
RC 1291; RC1291; RC-1291; RC 1291HCl; ONO7643; ONO-7643; ONO 7643; Anamorelin HCl	
Chemical structure	CAS# and Theoretical analysis
 <p>H-Cl</p> <p>Anamorelin HCl (Racemic)</p>	<p>MedKoo Cat#: 200230</p> <p>Name: Anamorelin HCl</p> <p>CAS#: 861998-00-7 (HCl salt)</p> <p>Lot#: XC30131</p> <p>Chemical Formula: $C_{31}H_{43}ClN_6O_3$</p> <p>Molecular Weight: 583.16</p> <p>Anamorelin (free base)</p> <p>Chemical Formula: $C_{31}H_{42}N_6O_3$</p> <p>Exact Mass: 546.33184</p> <p>Molecular Weight: 546.70</p>

Analysis item	Specifications / Results
Appearance	Grey to light brown solid.
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