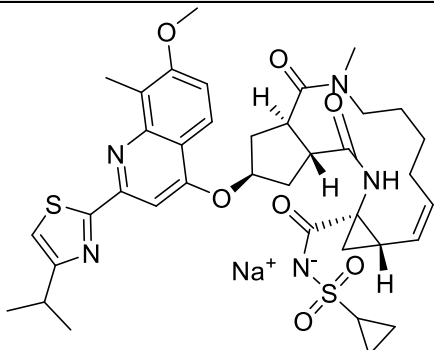




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314237	Simeprevir Sodium	X7P04R20

Chemical name	
sodium (cyclopropylsulfonyl)((2R,3aR,11aS,12aR,14aR,Z)-2-((2-(4-isopropylthiazol-2-yl)-7-methoxy-8-methylquinolin-4-yl)oxy)-5-methyl-4,14-dioxo-1,2,3,3a,4,5,6,7,8,9,11a,12,12a,13,14,14a-hexadecahydrocyclopenta[c]cyclopropa[g][1,6]diazacyclotetradecine-12a-carbonyl)amide	
Synonyms	
TMC435; TMC 435; TMC435; Simeprevir; Olysio.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314237 Name: Simeprevir sodium CAS#: 1241946-89-3 (sodium) Lot#: X7P04R20 Chemical Formula: C <sub>38</sub> H <sub>46</sub> N <sub>5</sub> NaO <sub>7</sub> S <sub>2</sub> Molecular Weight: 771.92

Analysis item	Specifications / Results
Appearance	Light yellow solid powder
Structure	<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.
Purity (HPLC)	>99.0%
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**