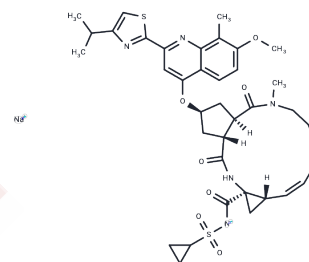


## Simeprevir sodium

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1241946-89-3  |
| 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  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Simeprevir is a drug for the treatment and cure of hepatitis C. |
| Targets(IC50) | Others,HCV Protease,DNA/RNA Synthesis,SARS-CoV                  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: Soluble,<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.2955 mL | 6.4774 mL | 12.9547 mL |
| 5 mM  | 0.2591 mL | 1.2955 mL | 2.5909 mL  |
| 10 mM | 0.1295 mL | 0.6477 mL | 1.2955 mL  |
| 50 mM | 0.0259 mL | 0.1295 mL | 0.2591 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Kanda T, Nakamoto S, Wu S, Yokosuka O. New treatments for genotype 1 chronic hepatitis C - focus on simeprevir. *Ther Clin Risk Manag.* 2014 May 24;10:387-94. doi: 10.2147/TCRM.S50170. eCollection 2014. Review. PubMed PMID: 24920913; PubMed Central PMCID: PMC4043814.

Gaetano JN. Benefit-risk assessment of new and emerging treatments for hepatitis C: focus on simeprevir and sofosbuvir. *Drug Healthc Patient Saf.* 2014 Mar 31;6:37-45. doi: 10.2147/DHPS.S43304. eCollection 2014. Review. PubMed PMID: 24729731; PubMed Central PMCID: PMC3976205.

You DM, Pockros PJ. Simeprevir for the treatment of chronic hepatitis C. *Expert Opin Pharmacother.* 2013 Dec;14(18):2581-9. doi: 10.1517/14656566.2013.850074. Epub 2013 Oct 19. Review. PubMed PMID: 24138198.

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