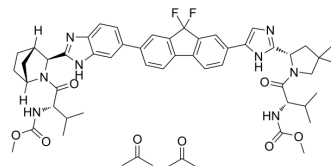


## Ledipasvir (diacetone)

Cat. No.:	HY-15602D
CAS No.:	1502655-48-2
Molecular Formula:	C <sub>55</sub> H <sub>66</sub> F <sub>2</sub> N <sub>8</sub> O <sub>8</sub>
Molecular Weight:	1005.16
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Ledipasvir diacetone (GS-5885 diacetone) is the active ingredient of Ledipasvir. Ledipasvir is an inhibitor of the hepatitis C virus NS5A, with EC <sub>50</sub> values of 34 pM against GT1a and 4 pM against GT1b replicon.
<b>In Vitro</b>	Ledipasvir diacetone is considered the active ingredient, which is converted to Ledipasvir spray-dried dispersion, an amorphous free base. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Signal Transduct Target Ther. 2021 May 29;6(1):212.
- Proc Natl Acad Sci U S A. 2017 Feb 21;114(8):1922-1927.
- Antiviral Res. 2017 Mar;139:18-24.
- Int J Radiat Oncol Biol Phys. 2016 Nov 15;96(4):867-876.
- J Gastroenterol. 2019 May;54(5):449-458.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

**Caution: Product has not been fully validated for medical applications. For research use only.**

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