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|--------------------------|---------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : PLpro inhibitor                                                                                 |
| <b>Synonyms</b>          | : —                                                                                               |
| <b>Cat No.</b>           | : M22162                                                                                          |
| <b>CAS Number</b>        | : 1093070-14-4                                                                                    |
| <b>Molecular Formula</b> | : C <sub>22</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>                                   |
| <b>Formula Weight</b>    | : 346.42                                                                                          |
| <b>Chemical Name</b>     | : —                                                                                               |
| <b>Description</b>       | : PLpro inhibitor is a potent papain-like protease (PLpro) inhibitor (IC <sub>50</sub> of 2.6 μM) |
| <b>Pathway</b>           | : Others                                                                                          |
| <b>Target</b>            | : Other Targets                                                                                   |
| <b>Receptor</b>          | : papain-like protease (PLpro)                                                                    |
| <b>Solubility</b>        | : DMSO : 40 mg/mL (115.47 mM)                                                                     |
| <b>SMILES</b>            | : <chem>C[C@@H](NC(=O)C1CC(NC(C)=O)CCC1C)C1CCCC2CCCCC12</chem>                                    |
| <b>Storage</b>           | : (-20°C)                                                                                         |
| <b>Stability</b>         | : ≥ 2 years                                                                                       |
| <b>Reference</b>         | :                                                                                                 |

1. Ratia, K., et al., A noncovalent class of papain-like protease/deubiquitinase inhibitors blocks SARS virus replication. Proc Natl Acad Sci U S A, 2008. 105(42): p. 16119-24.