

**Supplementary figures for:**

**A metabolic modeling approach reveals promising therapeutic targets and antiviral drugs to combat COVID-19**

Fernando Santos-Beneit<sup>1</sup>, Vytautas Raškevičius<sup>2</sup>, Vytenis A. Skeberdis<sup>2</sup>, Sergio Bordel<sup>1,2</sup>.

1. Institute of Sustainable Processes, Universidad de Valladolid, Spain.
2. Cell Culture Laboratory, Institute of Cardiology, Lithuanian University of Health Sciences, Kaunas, Lithuania

\* Sergio Bordel. **Email:** sergio.bordel@uva.es

## List of proposed drugs

**Celgosivir**

PubChem CID: 60734

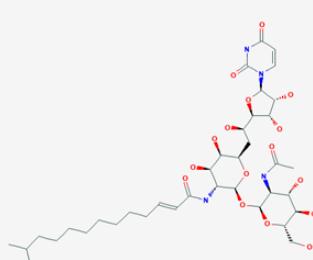
Molecular Formula: C<sub>12</sub>H<sub>21</sub>NO<sub>5</sub>



**Tunicamycin**

PubChem CID: 57654701

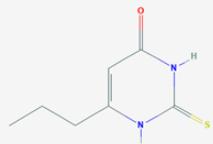
Molecular Formula: C<sub>37</sub>H<sub>60</sub>N<sub>4</sub>O<sub>16</sub>



**Propylthiouracil**

PubChem CID: 657298

Molecular Formula: C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>OS



**Dehydro-ZINC39395747**

PubChem CID: 702583

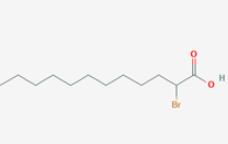
Molecular Formula: C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>



**2-Bromohexadecanoic acid**

PubChem CID: 82145

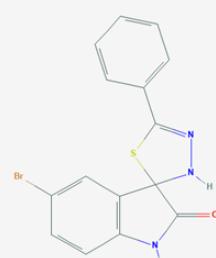
Molecular Formula: C<sub>16</sub>H<sub>31</sub>BrO<sub>2</sub>



**Lipofermata**

PubChem CID: 3136622

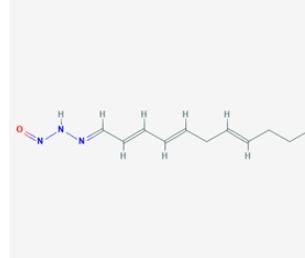
Molecular Formula: C<sub>15</sub>H<sub>10</sub>BrN<sub>3</sub>O<sub>5</sub>



**Triacsin c**

PubChem CID: 9576787

Molecular Formula: C<sub>11</sub>H<sub>17</sub>N<sub>3</sub>O



**Benzyl Isothiocyanate**

PubChem CID: 2346

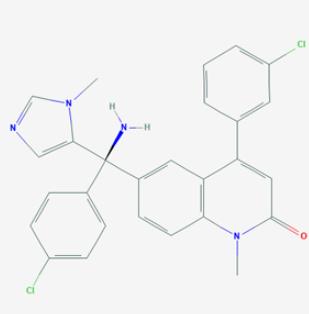
Molecular Formula: C<sub>8</sub>H<sub>7</sub>NS



**Tipifarnib**

PubChem CID: 159324

Molecular Formula: C<sub>27</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>4</sub>O



**Lonafarnib**

PubChem CID: 148195

Molecular Formula: C<sub>27</sub>H<sub>31</sub>Br<sub>2</sub>CIN<sub>4</sub>O<sub>2</sub>

