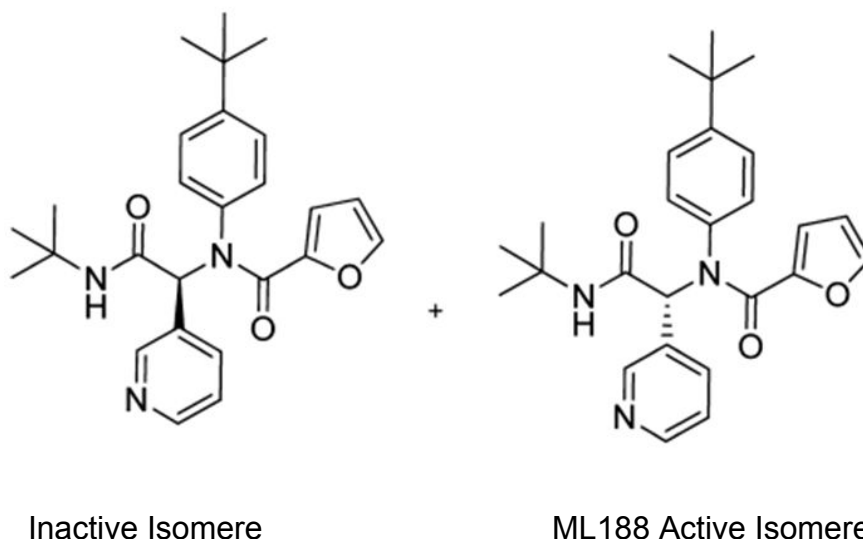


# Highly active antiviral 2019-nCoV compounds for your coronavirus research and development

This probe compound ML188 shows potent enzyme inhibition activity (3C-like protease, 3CLpro) and cellular antiviral activity.<sup>1</sup> Unlike the majority of reported coronavirus 3CLpro inhibitors that act via covalent modification of the enzyme, ML188 is a noncovalent SARS-CoV 3CLpro inhibitor with moderate MW and good enzyme and antiviral inhibitory activity.<sup>2</sup>

Both, the active enantiomer and the inactive enantiomer are available as reference compounds.



## Profile of ML188:

MW = 433

LE = 0.25

clogP = 4.6

LELP = 18

PFB Fu (h, r): 3.3%, 2.6%

CL<sub>hep</sub> (h, r): 20,69 mL/min/kg

CYPs (uM): >30 (1A2), 9.1 (2C9), >30 (2D6), 1.7 (3A4)

**5mg of each, 250 EUROS, from stock**

Larger amounts upon request

<sup>1</sup> M. Turlington et al. / Bioorg. Med. Chem. Lett. 23 (2013) 6172–6177

<sup>2</sup> 3CLpro IC<sub>50</sub> = 1.5 μM; SARSCoV Urbani infected Vero E6 cells (EC<sub>50</sub> = 12.9 ± 0.7 μM)