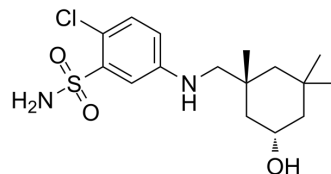


## RO5487624

Cat. No.:	HY-116182
CAS No.:	1399103-28-6
Molecular Formula:	C <sub>16</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	360.9
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

RO5487624, an analogue of RO5464466 (HY-120690), is an orally active hemagglutinin (HA) inhibitor of influenza H1N1 viruses that abolishes influenza virus fusion by blocking HA conformational changes in low pH environments. RO5487624 displays a protective effect on mice that are lethally challenged with influenza H1N1 virus<sup>[1]</sup>.

### REFERENCES

[1]. Zhu L, et al. Inhibition of influenza A virus (H1N1) fusion by benzenesulfonamide derivatives targeting viral hemagglutinin. PLoS One. 2011;6(12):e29120.

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

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