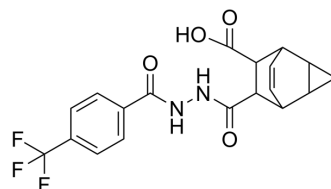


## NIOCH 14

Cat. No.:	HY-147016
CAS No.:	1268015-38-8
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	394.34
Target:	Orthopoxvirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	NIOCH 14 is an antiviral agent and a pro-agent. NIOCH 14 has antiviral activity against orthopoxviruses. NIOCH 14 can significantly lower proportions of infected mice, and virus production levels in the lungs. NIOCH 14 can be used for researching anti-smallpox <sup>[1][2]</sup> . NIOCH 14 shows anti-orthopoxvirus activity.
IC <sub>50</sub> & Target	Orthopoxviruses <sup>[1]</sup>

### REFERENCES

- [1]. Sokolova AS, et al. (+)-Camphor and (-)-borneol derivatives as potential anti-orthopoxvirus agents. Arch Pharm (Weinheim). 2021;354(6):e2100038.
- [2]. Mazurkov OY, et al. New effective chemically synthesized anti-smallpox compound NIOCH-14. J Gen Virol. 2016;97(5):1229-1239.
- [3]. Anastasiya S Sokolova, et al. (+)-Camphor and (-)-borneol derivatives as potential anti-orthopoxvirus agents. Arch Pharm (Weinheim). 2021 Jun;354(6):e2100038.

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

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