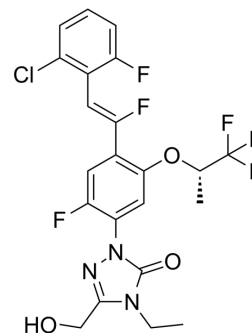


## DHODH-IN-19

Cat. No.:	HY-144169
CAS No.:	2742675-85-8
Molecular Formula:	C <sub>22</sub> H <sub>18</sub> ClF <sub>6</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	521.84
Target:	Dihydroorotate Dehydrogenase; DNA/RNA Synthesis
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

DHODH-IN-19 is a potent inhibitor of DHODH. DHODH is present in the inner membrane of human mitochondria and is an iron-containing flavin-dependent enzyme. DHODH-IN-19 inhibits tumor growth. DHODH-IN-19 has the potential for the research of cancer and inflammation disease (extracted from patent WO2021238881A1, compound 1)<sup>[1]</sup>.

## REFERENCES

[1]. Shuhui Chen, et al. Triazolones. Patent WO2021238881A1.

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

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