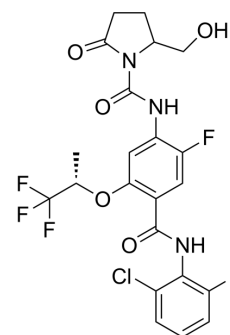


DHODH-IN-25

Cat. No.:	HY-163328
CAS No.:	2619531-95-0
Molecular Formula:	C ₂₂ H ₁₉ ClF ₅ N ₃ O ₅
Molecular Weight:	535.85
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-25 (Compound 25) is an orally active dihydroorotate dehydrogenase (DHODH) inhibitor with an IC ₅₀ value of 5.4 nM for human DHODH. DHODH-IN-25 can be used for the study of acute myeloid leukemia (AML) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.4 nM (hDHODH) ^[1] .

REFERENCES

[1]. DeRatt, Lindsey G., et al. "Discovery of Alternative Binding Poses through Fragment-Based Identification of DHODH Inhibitors." ACS Medicinal Chemistry Letters (2024).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA