

Product Datasheet

hDHODH-IN-8

Catalog No. **BP-02231** · CAS **2757405-31-3** · Form **free base** · Physical state **other** · Color **White to yellow** · Version **1.0** · Revision **2026-09-03**

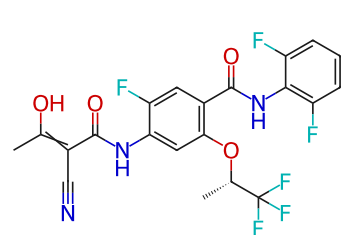
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Target Dihydroorotate Dehydrogenase	Research area Inflammation/Immunology
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Molecular formula **C₂₁H₁₅F₆N₃O₄**

Molecular weight **487.3519**

STRUCTURE



DESCRIPTION

hDHODH-IN-8 is a potent inhibitor of human dihydroorotate dehydrogenase (hDHODH). hDHODH-IN-8 has potent antiproliferative activity and excellent aqueous solubility.

BIOLOGICAL ACTIVITY

hDHODH-IN-8 is a potent inhibitor of human dihydroorotate dehydrogenase (hDHODH) with an IC₅₀ of 16 nM. hDHODH-IN-8 has potent antiproliferative activity and excellent aqueous solubility. hDHODH-IN-8 has the potential for the research of tumor disease, especially lymphoma.

SOLUBILITY

Soluble in DMSO 25 mg/mL DMF 10 mg/mL

REFERENCES

[1]. Li C, et al. Design, Synthesis, and Biological Evaluation of a Novel Series of Teriflunomide Derivatives as Potent Human Dihydroorotate Dehydrogenase Inhibitors for Malignancy Treatment. J Med Chem. 2021;64(24):18175-18192.