

hDHODH-IN-15

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	hDHODH-IN-15 (Compound H19) acts as an inhibitor of human dihydroorotate dehydrogenase (hDHODH), demonstrating an IC50 of 0.21 $\mu$ M. It exhibits cytotoxic effects in cancer cells such as NCI-H226, HCT-116, and MDA-MB-231, with IC50 values ranging from 0.95 to 2.81 $\mu$ M. Furthermore, hDHODH-IN-15 induces ferroptosis in HCT-116 cells and shows antitumor activity.
Targets(IC50)	Ferroptosis,Dehydrogenase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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