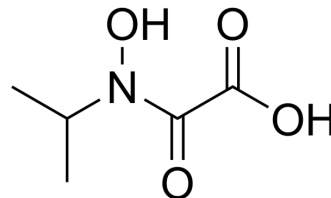


## IpOHA

Cat. No.:	HY-153351
CAS No.:	132418-03-2
Molecular Formula:	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub>
Molecular Weight:	147.13
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

IpOHA is a potent plant KARI inhibitor. IpOHA also is an antimycobacterial agent with a K<sub>i</sub> value of 97.7 nM for *Mycobacterium tuberculosis* (Mt)<sup>[1]</sup>.

### REFERENCES

[1]. Kandale A, et al. Analogues of the Herbicide, N-Hydroxy-N-isopropylloxamate, Inhibit *Mycobacterium tuberculosis* Keto-Acid Reductoisomerase and Their Prodrugs Are Promising Anti-TB Drug Leads. *J Med Chem.* 2021 Feb 11;64(3):1670-1684.

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

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