

Product Data Sheet

Product Name: IpOHA
Cat. No.: GC71234

Chemical Properties

Cas. No. 132418-03-2

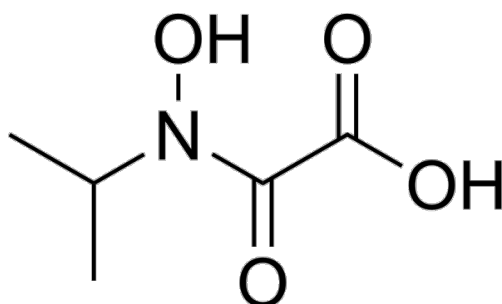
Formula $C_5H_9NO_4$ M.Wt 147.13

Solubility Storage 4°C, sealed storage, away from moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

IpOHA is a potent plant KARI inhibitor. IpOHA also is an antimycobacterial agent with a K_i value of

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

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97.7 nM for Mycobacterium tuberculosis (Mt).

References:

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

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