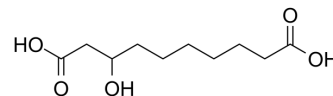


3-Hydroxysebacic acid

Cat. No.:	HY-113451
CAS No.:	73141-46-5
Molecular Formula:	C ₁₀ H ₁₈ O ₅
Molecular Weight:	218.25
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3-Hydroxysebacic acid is an endogenous metabolite present in Urine that can be used for the research of Medium Chain Acyl Co A Dehydrogenase Deficiency ^{[1][2]} .
In Vitro	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Duran M, et al. The differential diagnosis of dicarboxylic aciduria. J Inherit Metab Dis. 1984;7 Suppl 1:48-51.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. Oncogene. 2020 Aug;39(35):5709-5720.

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

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