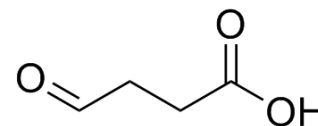


Succinaldehydic acid

Cat. No.:	HY-104071
CAS No.:	692-29-5
Molecular Formula:	C ₄ H ₆ O ₃
Molecular Weight:	102.09
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Succinaldehydic acid is a catabolite of GABA.
In Vitro	Succinaldehydic acid (Succinic semialdehyde) is a catabolite of GABA, which is catabolized in the mitochondrial matrix through the GABA shunt, encompassing transamination to Succinaldehydic acid followed by oxidation to succinate by the concerted actions of GABA transaminase (GABA-T) and succinic semialdehyde dehydrogenase (SSADH), respectively ^[1] .

REFERENCES

[1]. Ravasz D, et al. Catabolism of GABA, succinic semialdehyde or gamma-hydroxybutyrate through the GABA shunt impair mitochondrial substrate-level phosphorylation. *Neurochem Int.* 2017 Oct;109:41-53.

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

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