

## Succinyl-CoA synthetase

Cat. No.:	HY-E70121
CAS No.:	9080-33-5
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Succinyl-CoA synthetase

#### BIOLOGICAL ACTIVITY

##### Description

Succinyl-CoA synthetase catalyzes the only substrate-level phosphorylation step in the tricarboxylic acid cycle. Succinyl-CoA synthetase is a phosphate target for the activation of mitochondrial metabolism<sup>[1][2]</sup>.

#### REFERENCES

- [1]. Huang J, et al. Tartryl-CoA inhibits succinyl-CoA synthetase. *Acta Crystallogr F Struct Biol Commun.* 2020 Jul 1;76(Pt 7):302-308.
- [2]. Phillips D, et al. Succinyl-CoA synthetase is a phosphate target for the activation of mitochondrial metabolism. *Biochemistry.* 2009 Aug 4;48(30):7140-9.

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

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