



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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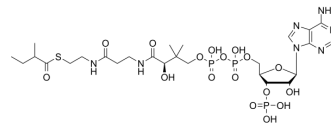
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## 2-Methylbutyryl-CoA

Cat. No.:	HY-E70239
CAS No.:	6712-02-3
Molecular Formula:	C <sub>26</sub> H <sub>44</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	851.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2-Methylbutyryl-CoA is an intermediate of isoleucine metabolism. 2-Methylbutyryl-CoA dehydrogenase deficiency is a genetic disorder caused by mutations in the HADH2 gene<sup>[1]</sup>.

### REFERENCES

[1]. Goetzman ES, et al. Convergent evolution of a 2-methylbutyryl-CoA dehydrogenase from isovaleryl-CoA dehydrogenase in *Solanum tuberosum*. *J Biol Chem*. 2005 Feb 11;280(6):4873-9.

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

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