



# 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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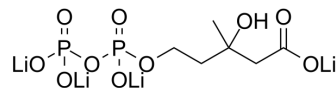
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## Mevalonic acid 5-pyrophosphate tetralithium

Cat. No.:	HY-N9474
CAS No.:	108869-00-7
Molecular Formula:	C <sub>6</sub> H <sub>10</sub> Li <sub>4</sub> O <sub>10</sub> P <sub>2</sub>
Molecular Weight:	331.85
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

Description	Mevalonic acid 5-pyrophosphate (5-Diphosphomevalonic acid) tetralithium is an endogenous metabolite of the mevalonate pathway <sup>[1]</sup> .
In Vitro	Mevalonate 5-pyrophosphate decarboxylase, which converts Mevalonic acid 5-pyrophosphate (Mevalonate 5-pyrophosphate) to isopentenyl pyrophosphate (IPP) in an ATP-dependent manner <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Jeffrey M Vinokur, et al. An Adaptation To Life In Acid Through A Novel Mevalonate Pathway. Sci Rep. 2016 Dec 22;6:39737.

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

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