



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

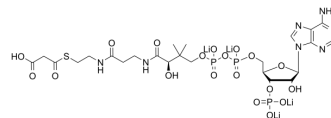
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Malonyl CoA tetralithium

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-141473                                                                                       |
| CAS No.:           | 116928-84-8                                                                                     |
| Molecular Formula: | C <sub>24</sub> H <sub>34</sub> Li <sub>4</sub> N <sub>7</sub> O <sub>19</sub> P <sub>3</sub> S |
| Molecular Weight:  | 877.31                                                                                          |
| Target:            | Endogenous Metabolite; Mitochondrial Metabolism                                                 |
| Pathway:           | Metabolic Enzyme/Protease                                                                       |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis.       |



### BIOLOGICAL ACTIVITY

#### Description

Malonyl CoA (Malonyl coenzyme A) tetralithium is a substrate for fatty acid biosynthesis and an inhibitor of fatty acid oxidation. Malonyl CoA tetralithium is also a reversible inhibitor of mitochondrial carnitine palmitoyltransferase (CPT) 1<sup>[1][2]</sup>.

### REFERENCES

[1]. B E Corkey, et al. A role for malonyl-CoA in glucose-stimulated insulin secretion from clonal pancreatic beta-cells. J Biol Chem. 1989 Dec 25;264(36):21608-12.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA