



# 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

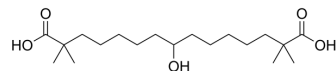
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Bempedoic acid (Standard)

Cat. No.:	HY-12357R
CAS No.:	738606-46-7
Molecular Formula:	C <sub>19</sub> H <sub>36</sub> O <sub>5</sub>
Molecular Weight:	344.49
Target:	ATP Citrate Lyase; AMPK
Pathway:	Metabolic Enzyme/Protease; Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Bempedoic acid (Standard) is the analytical standard of Bempedoic acid. This product is intended for research and analytical applications. Bempedoic acid (ETC-1002) is an ATP-citrate lyase (ACL) inhibitor <sup>[1]</sup> . Bempedoic acid (ETC-1002) activates AMPK <sup>[2]</sup> .
IC <sub>50</sub> & Target	AMPK <sup>[1]</sup>

### REFERENCES

[1]. Pinkosky SL, et al. AMP-activated protein kinase and ATP-citrate lyase are two distinct molecular targets for ETC-1002, a novel small molecule regulator of lipid and carbohydrate metabolism. *J Lipid Res.* 2013 Jan;54(1):134-51.

[2]. Filippov S, et al. ETC-1002 regulates immune response, leukocyte homing, and adipose tissue inflammation via LKB1-dependent activation of macrophage AMPK. *J Lipid Res.* 2013 Aug;54(8):2095-108.

**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