



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

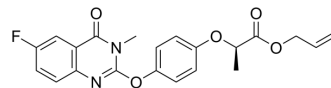
mail@szabo-scandic.com

www.szabo-scandic.com

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

QPP-I-6

Cat. No.:	HY-158246
CAS No.:	2864442-05-5
Molecular Formula:	C ₂₁ H ₁₉ FN ₂ O ₅
Molecular Weight:	398.38
Target:	Acetyl-CoA Carboxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	QPP-I-6 is an inhibitor for acetyl-coenzyme A carboxylase (ACCase). QPP-I-6 exhibits herbicidal activity through induction of cell membrane permeability ^[1] .
In Vitro	QPP-I-6 exhibits herbicidal activity against <i>Echinochloa crusgalli</i> , <i>Digitaria sanguinalis</i> , <i>Spartina alterniflora</i> , <i>Eleusine indica</i> and <i>Pennisetum alopecuroides</i> , with inhibition rate >90% ^[1] . QPP-I-6 (187.5 g/ha, 24 h) promotes production of ATP, fatty acid metabolism, and protein acetylation of <i>P. miliaceum</i> leaves cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li N, et al., Synthesis, Herbicidal Activity, and Molecular Mode of Action Evaluation of Novel Aryloxyphenoxypropionate/Amide Derivatives Containing a Quinazolinone Moiety. *J Agric Food Chem.* 2024 Apr 10.

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