



# 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

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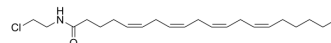
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## ACEA

Cat. No.:	HY-110004
CAS No.:	220556-69-4
Molecular Formula:	C <sub>22</sub> H <sub>36</sub> ClNO
Molecular Weight:	365.98
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-80°C, protect from light



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 20 mg/mL (54.65 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.7324 mL	13.6619 mL	27.3239 mL
	5 mM	0.5465 mL	2.7324 mL	5.4648 mL	
	10 mM	0.2732 mL	1.3662 mL	2.7324 mL	

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ACEA (short for arachidonyl-2'-chloroacetamide) is a synthetic organic compound that acts as an agonist of the cannabinoid receptor CB1. It is a chemical that affects the endocannabinoid system in the body, which regulates various physiological processes such as appetite, pain perception, mood, and memory<sup>[1]</sup>.

#### In Vitro

ACEA is a biochemical reagent that can be used as a biological material or organic compound for life science related research.  
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Gale GR, et al. Effects of sodium N-methyl-N-dithiocarboxylglucamine on cadmium distribution and excretion. Life Sci. 1984 Dec 17;35(25):2571-8.

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

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