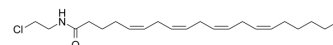


ACEA

Cat. No.: HY-110004
CAS No.: 220556-69-4
Molecular Formula: C₂₂H₃₆ClNO
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.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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^[1].

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.

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