Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

AACOCF3

Product overview

Name AACOCF3 Cat No HB2354

Alternative names Arachidonyl trifluoromethyl ketone

Biological action Inhibitor

Description Selective cPLA₂ inhibitor

Biological Data

 $\textbf{Biological description} \hspace{1.5cm} \textbf{Selective cytosolic phospholipase } A_2 \text{ inhibitor (IC}_{50} \text{ values are 1.5 and 6.0 } \mu \textbf{M} \text{ for bovine brain cPLA}_2$

and iPLA₂ respectively). Also inhibits FAAH. Displaces [3H]CP-55940 binding to CB₁ receptor ($K_i = 10^{-10}$ cm s $^{-10}$ cm $^{-10$

 $0.65 \mu M$). Increases aldosterone and corticosterone secretion.

Solubility & Handling

Storage instructions -20 °C (desiccate)

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name 1,1,1-Trifluoro-6*Z*,9*Z*,12*Z*,15*Z*-henei cosateraen-2-one

Molecular Weight 356.47
Chemical structure

Molecular Formula $C_{21}H_{31}F_{3}O$

CAS Number 149301-79-1
PubChem identifier 5280436

InChiKey PLWROONZUDKYKG-DOFZRALJSA-N