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DATASHEET

AACOFC3

Product overview

Name	AACOFC3
Cat No	HB2354
Alternative names	Arachidonyl trifluoromethyl ketone
Biological action	Inhibitor
Description	Selective cPLA ₂ inhibitor

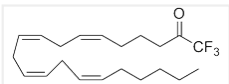
Biological Data

Biological description	Selective cytosolic phospholipase A ₂ inhibitor (IC ₅₀ values are 1.5 and 6.0 μM for bovine brain cPLA ₂ and iPLA ₂ respectively). Also inhibits FAAH. Displaces [3H]CP-55940 binding to CB ₁ receptor (K _i = 0.65 μM). Increases aldosterone and corticosterone secretion.
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Solubility & Handling

Storage instructions	-20 °C (desiccate)
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-6Z,9Z,12Z,15Z-heneicosanoic acid
Molecular Weight	356.47
Chemical structure	
Molecular Formula	C ₂₁ H ₃₁ F ₃ O
CAS Number	149301-79-1
PubChem identifier	5280436
SMILES	O=C(C(F)(F)F)CCCC=C/C=C/C=C/C=C/C=CCCC
InChiKey	PLWROONZUDKYKG-DOFZRALJSA-N