

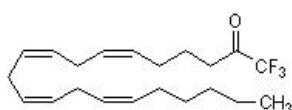
Product datasheet

AACOCF3 (Arachidonyl trifluoromethyl ketone), Phospholipase-A2 inhibitor ab120350

[1 References](#) [1 Image](#)

Overview

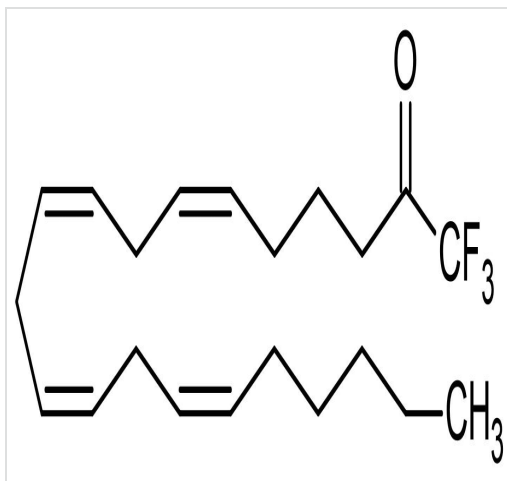
Product name	AACOCF3 (Arachidonyl trifluoromethyl ketone), Phospholipase-A2 inhibitor
Description	Phospholipase-A2 inhibitor
Biological description	Cell-permeable analog of arachidonic acid (ab120916). Widely used as an inhibitor of the 85-kDa cytosolic group IV phospholipase A2 (cPLA2) and calcium-independent group VI phospholipase A2 (iPLA2) (IC ₅₀ values are 1.5 and 6.0 μM, respectively) . In non-neural cells, also inhibits cyclooxygenase and acyltransferase activities.
CAS Number	149301-79-1
Chemical structure	



Properties

Chemical name	(6Z,9Z,12Z,15Z)-1,1,1-Trifluorohenicosa-6,9,12,15-tetraen-2-one
Molecular weight	356.47
PubChem identifier	5280436
Storage instructions	Store at -20°C. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Supplied in ethanol (10 mg/ml)
Handling	Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	FC(F)(F)C(=O)CCCC=C/C/C=CC/C=CC/C=CCCCC
Source	Synthetic

Images



Chemical Structure - AACOCF3 (Arachidonyl trifluoromethyl ketone), Phospholipase-A2 inhibitor (ab120350)

2D chemical structure image of ab120350, AACOCF3 (Arachidonyl trifluoromethyl ketone), Phospholipase-A2 inhibitor

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