

**(±)5-HETE methyl ester****Chemical Properties**

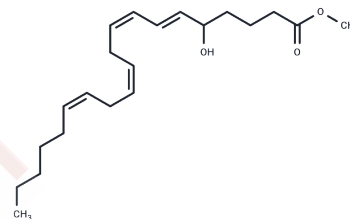
CAS No. : 70968-99-9

Formula: C<sub>21</sub>H<sub>34</sub>O<sub>3</sub>

Molecular Weight: 334.5

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

**Biological Description**

Description	(±)5-HETE, a monohydroxy fatty acid, emerges from the non-enzymatic oxidation of arachidonic acid and is one of six such derivatives. Its methyl ester variant exhibits no unique biological activity and serves as a provided standard. This methyl ester can also be present in oxidatively degraded polyunsaturated fatty acid (PUFA) methyl esters.
Targets(IC50)	Others

**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.9895 mL	14.9477 mL	29.8954 mL
5 mM	0.5979 mL	2.9895 mL	5.9791 mL
10 mM	0.299 mL	1.4948 mL	2.9895 mL
50 mM	0.0598 mL	0.299 mL	0.5979 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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