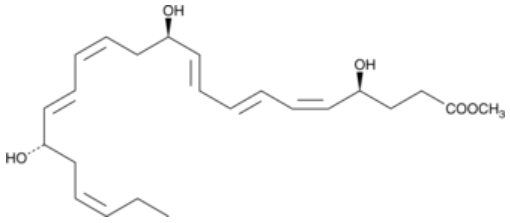
Product Data Sheet

Product Name: Resolvin D3 methyl ester
Cat. No.: GC41232

Chemical Properties

Cas. No.			
SMILES	O[C@@H](C/C=C\CC)/C=C/C=C\C[C@@H](O)/C=C/C=C/C=C\[C@@H](O)CCC(OC)=O		
Formula	C23H34O5	M.Wt	390.5
Solubility	DMF: 50 mg/ml,DMSO: unstable,Ethanol: 50 mg/ml,PBS (pH 7.2): 0.05 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Resolvin D3 methyl ester is a methyl ester version of the free acid that may act as a lipophilic prodrug form that will alter its distribution and pharmacokinetic properties. The methyl ester moiety is susceptible to cleavage by intracellular esterases, leaving the free acid.

Caution: Product has not been fully validated for medical applications. For research use only.
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