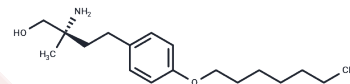


AAL-149

Chemical Properties

CAS No. : 177258-60-5
 Formula: C₁₈H₃₁NO₂
 Molecular Weight: 293.444
 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	AAL-149, an analog of FTY720 and a TRPM7 inhibitor (IC ₅₀ = 1.081 μM), exhibits multiple anti-inflammatory effects without targeting S1P receptors. It is applicable in anti-inflammatory research.
Targets(IC ₅₀)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4079 mL	17.0393 mL	34.0785 mL
5 mM	0.6816 mL	3.4079 mL	6.8157 mL
10 mM	0.3408 mL	1.7039 mL	3.4079 mL
50 mM	0.0682 mL	0.3408 mL	0.6816 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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