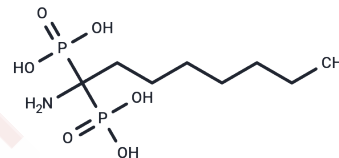


ARC39

Chemical Properties

CAS No. : 15049-89-5
 Formula: C₈H₂₁NO₆P₂
 Molecular Weight: 289.2
 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	ARC39 is acid sphingomyelinase inhibitor (IC ₅₀ =20 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4578 mL	17.2891 mL	34.5781 mL
5 mM	0.6916 mL	3.4578 mL	6.9156 mL
10 mM	0.3458 mL	1.7289 mL	3.4578 mL
50 mM	0.0692 mL	0.3458 mL	0.6916 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.

Reference

Naser E, et al. Characterization of the small molecule ARC39, a direct and specific inhibitor of acid sphingomyelinase in vitro. J Lipid Res. 2020 Jun;61(6):896-910.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481