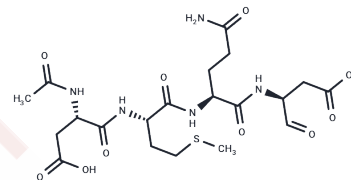


Ac-DMQD-CHO

Chemical Properties

CAS No. :	259199-63-8
Formula:	C ₂₀ H ₃₁ N ₅ O ₁₀ S
Molecular Weight:	533.55
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ac-DMQD-CHO, a selective inhibitor of caspase 3 with an IC ₅₀ of 39 nM, reduces apoptosis and demonstrates neuroprotective efficacy [1].
Targets(IC ₅₀)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8742 mL	9.3712 mL	18.7424 mL
5 mM	0.3748 mL	1.8742 mL	3.7485 mL
10 mM	0.1874 mL	0.9371 mL	1.8742 mL
50 mM	0.0375 mL	0.1874 mL	0.3748 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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