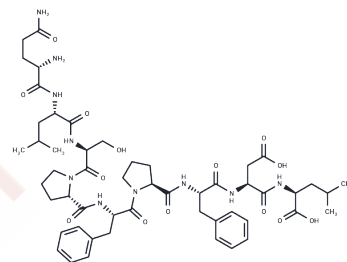


QL9

Chemical Properties

CAS No. : 159646-83-0
 Formula: C52H74N10O14
 Molecular Weight: 1063.21
 Storage: Keep away from moisture
 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: QL9 is derived from the enzyme 2-oxoglutarate dehydrogenase and belongs to the endogenous peptide repertoire of all H-2d APCs.

Solubility Information

Solubility: H2O: 33.33 mg/mL (31.35 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9405 mL	4.7027 mL	9.4055 mL
5 mM	0.1881 mL	0.9405 mL	1.8811 mL
10 mM	0.0941 mL	0.4703 mL	0.9405 mL
50 mM	0.0188 mL	0.0941 mL	0.1881 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

Speir JA, et al. Structural basis of 2C TCR allorecognition of H-2Ld peptide complexes. Immunity. 1998 May;8(5): 553-62.

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