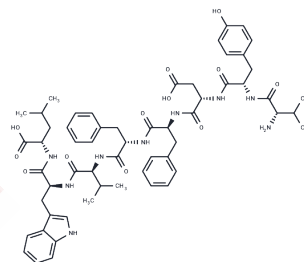


## Tyrosinase-related Protein 2 (TRP-2) (181-188)

## Chemical Properties

CAS No. :	187671-49-4
Formula:	C58H73N9O12
Molecular Weight:	1088.273
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	Tyrosinase-related Protein 2 (TRP-2) (181-188) is a peptide derived from TRP-2, specifically corresponding to residues 180-188, and it is the primary epitope within TRP-2 recognized by anti-B16 CTLs. Additionally, it conforms to the binding motif of the MHC class I H2-Kb.
Targets(IC50)	Tyrosinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9189 mL	4.5944 mL	9.1889 mL
5 mM	0.1838 mL	0.9189 mL	1.8378 mL
10 mM	0.0919 mL	0.4594 mL	0.9189 mL
50 mM	0.0184 mL	0.0919 mL	0.1838 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

M B Bloom, et al. Identification of tyrosinase-related protein 2 as a tumor rejection antigen for the B16 melanoma. J Exp Med. 1997 Feb 3;185(3):453-9.

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