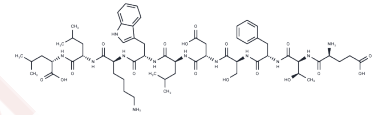


p53 (17-26)

Chemical Properties

CAS No. : 488118-64-5
 Formula: C60H90N12O17
 Molecular Weight: 1251.43
 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	This peptide is amino acids 17 to 26 fragment of p53, the Mdm-2 binding domain of p53 known also as p53N. This sequence contains all of the residues that contact the binding domain of Mdm-2.
Targets(IC50)	MDM-2/p53

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7991 mL	3.9954 mL	7.9909 mL
5 mM	0.1598 mL	0.7991 mL	1.5982 mL
10 mM	0.0799 mL	0.3995 mL	0.7991 mL
50 mM	0.016 mL	0.0799 mL	0.1598 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

Michl J, et al. PNC-28, a p53-derived peptide that is cytotoxic to cancer cells, blocks pancreatic cancer cell growth in vivo. Int J Cancer. 2006 Oct 1;119(7):1577-85.

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