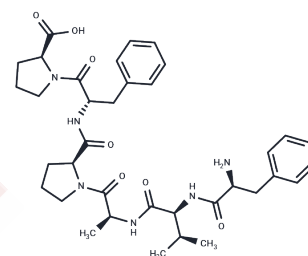


Hexapeptide-11

Chemical Properties

CAS No. :	161258-30-6
Formula:	C ₃₆ H ₄₈ N ₆ O ₇
Molecular Weight:	676.8
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	Hexapeptide-11 is a novel proteostasis network modulator in human diploid fibroblasts.
Targets(IC50)	ATM/ATR, Reactive Oxygen Species, MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4775 mL	7.3877 mL	14.7754 mL
5 mM	0.2955 mL	1.4775 mL	2.9551 mL
10 mM	0.1478 mL	0.7388 mL	1.4775 mL
50 mM	0.0296 mL	0.1478 mL	0.2955 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

Sklirou AD, Ralli M, Dominguez M, Papassideri I, Skaltsounis AL, Trougakos IP. Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. *Redox Biol.* 2015 Aug;5:205-15. doi: 10.1016/j.redox.2015.04.010. Epub 2015 Apr 29. PubMed PMID: 25974626; PubMed Central PMCID: PMC4434199.

Gruber JV, Ludwig P, Holtz R. Modulation of cellular senescence in fibroblasts and dermal papillae cells in vitro. *J Cosmet Sci.* 2013 Mar-Apr;64(2):79-87. PubMed PMID: 23578831.

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