

## Cadherin Peptide, avian Acetate

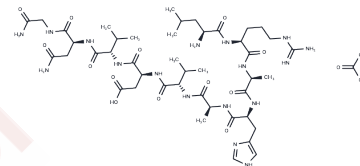
### Chemical Properties

CAS No. :

Formula: C46H79N17O15

Molecular Weight: 1110.22

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	Cadherin Peptide, avian Acetate is a peptide with the sequence Leu-Arg-Ala-His-Ala-Val-Asp-Val-Asn-Gly-NH <sub>2</sub> . Cadherins are a class of type-1 transmembrane proteins.
Targets(IC50)	Cadherin
In vitro	They are dependent on calcium (Ca <sup>2+</sup> ) ions to function. Cadherins are synthesized as polypeptides and undergo many post-translational modifications to become the proteins which mediate cell-cell adhesion and recognition. Cadherins behave as both receptors and ligands.

### Solubility Information

Solubility	DMSO: 100 mg/mL (90.07 mM), Sonication is recommended. H <sub>2</sub> O: 13 mg/mL (11.71 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9007 mL	4.5036 mL	9.0072 mL
5 mM	0.1801 mL	0.9007 mL	1.8014 mL
10 mM	0.0901 mL	0.4504 mL	0.9007 mL
50 mM	0.018 mL	0.0901 mL	0.1801 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

Harris T , Tepass U . Adherens junctions: from molecules to morphogenesis.[J]. Nature Reviews Molecular Cell Biology, 2010, 11(7):502-514.

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