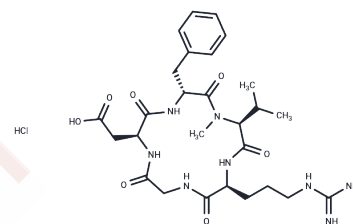


Cilengitide hydrochloride

Chemical Properties

CAS No. :	188969-00-8
Formula:	C ₂₇ H ₄₁ ClN ₈ O ₇
Molecular Weight:	625.12
Storage:	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	Cilengitide hydrochloride is the salt form of Cilengitide, a cyclic Arg-Gly-Asp peptide with potential antineoplastic activity. Cilengitide binds to and inhibits the activities of the alpha(v)beta(3) and alpha(v)beta(5) integrins, thereby inhibiting endothelial cell-cell interactions, endothelial cell-matrix interactions, and angiogenesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5997 mL	7.9985 mL	15.9969 mL
5 mM	0.3199 mL	1.5997 mL	3.1994 mL
10 mM	0.160 mL	0.7998 mL	1.5997 mL
50 mM	0.032 mL	0.160 mL	0.3199 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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