

ABT-510

Chemical Properties

CAS No. : 251579-55-2

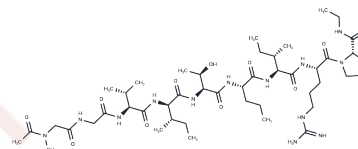
Formula: C₄₆H₈₃N₁₃O₁₁

Molecular Weight: 994.23

Keep away from moisture

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	ABT-510 is synthetic peptide that mimics the anti-angiogenic activity of the endogenous protein thrombospondin-1 (TSP-1). ABT-510 inhibits the actions of several pro-angiogenic growth factors important to tumor neovascularization; these pro-angiogenic growth factors include vascular endothelial growth factor (VEGF), basic fibroblast growth factor (bFGF), hepatocyte growth factor (HGF), and interleukin 8 (IL-8).
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0058 mL	5.029 mL	10.058 mL
5 mM	0.2012 mL	1.0058 mL	2.0116 mL
10 mM	0.1006 mL	0.5029 mL	1.0058 mL
50 mM	0.0201 mL	0.1006 mL	0.2012 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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