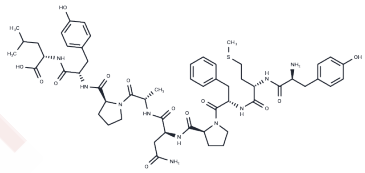
Data Sheet (Cat.No.TP2478)

TargetMol

WT-1 A1

Chemical Properties



CAS No. : 852243-39-1

Formula: C55H74N10O13S

Molecular Weight: 1115.3

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	WT-1 A1 is an attractive target for immunotherapy in patients with pancreatic adenocarcinoma.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8966 mL	4.4831 mL	8.9662 mL
5 mM	0.1793 mL	0.8966 mL	1.7932 mL
10 mM	0.0897 mL	0.4483 mL	0.8966 mL
50 mM	0.0179 mL	0.0897 mL	0.1793 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

Terashima T, Mizukoshi E, Arai K, Yamashita T, Yoshida M, Ota H, Onishi I, Kayahara M, Ohtsubo K, Kagaya T, Honda M, Kaneko S. P53, hTERT, WT-1, and VEGFR2 are the most suitable targets for cancer vaccine therapy in HLA-A24 positive pancreatic adenocarcinoma. Cancer Immunol Immunother. 2014 May;63(5):479-89. doi: 10.1007/s00262-014-1529-8. Epub 2014 Mar 16. PubMed PMID: 24633336.

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Akiyama Y, Oshita C, Kume A, Iizuka A, Miyata H, Komiyama M, Ashizawa T, Yagoto M, Abe Y, Mitsuya K, Watanabe R, Sugino T, Yamaguchi K, Nakasu Y. α-type-1 polarized dendritic cell-based vaccination in recurrent high-grade glioma: a phase I clinical trial. BMC Cancer. 2012 Dec 27;12:623. doi: 10.1186/1471-2407-12-623. PubMed PMID: 23270484; PubMed Central PMCID: PMC3541167.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481