

DX600 TFA

Chemical Properties

CAS No. :

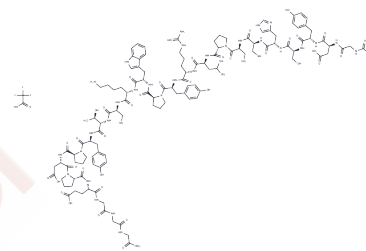
Formula: C123H169F3N32O39S2

Molecular Weight: 2841.01

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	DX600 TFA is a specific inhibitor of ACE2 and does not cross-react with ACE.
Targets(IC50)	RAAS,Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	DMSO: 10 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	0.352 mL	1.7599 mL	3.5199 mL
5 mM	0.0704 mL	0.352 mL	0.704 mL
10 mM	0.0352 mL	0.176 mL	0.352 mL
50 mM	0.007 mL	0.0352 mL	0.0704 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

Liao K, et al. Development of an enzymatic assay for the detection of neutralizing antibodies against therapeutic angiotensin-converting enzyme 2 (ACE2). J Immunol Methods. 2013 Mar 29;389(1-2):52-60.

Zheng Z, Bo W, Lv X, et al. Protective Effect of SIRT6 on Cholesterol Crystal-induced Endothelial Dysfunction via Regulating ACE2 Expression. Experimental Cell Research. 2021 May 1;402(1):112526. doi: 10.1016/j.yexcr.2021.112526. Epub 2021 Feb 22.

Zheng Z, Bo W, Lv X, et al. Protective Effect of SIRT6 on Cholesterol Crystal-induced Endothelial Dysfunction via Regulating ACE2 Expression[J]. Experimental Cell Research. 2021: 112526.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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