

## Dusquetide TFA

## Chemical Properties

CAS No. :

Formula: C27H48F3N9O7

Molecular Weight: 667.72

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	Dusquetide (SGX942) TFA, a first-in-class innate defense regulator (IDR), modulates the innate immune response to pathogen-associated molecular patterns (PAMPs) and damage-associated molecular patterns (DAMPs) by interacting with p62. This compound is effective in both diminishing inflammation and enhancing the elimination of bacterial infections [1].
Targets(IC50)	Others,Antibacterial,p62

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4976 mL	7.4882 mL	14.9763 mL
5 mM	0.2995 mL	1.4976 mL	2.9953 mL
10 mM	0.1498 mL	0.7488 mL	1.4976 mL
50 mM	0.030 mL	0.1498 mL	0.2995 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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