

A-71915 TFA (132956-87-7 free base)

## Chemical Properties

CAS No. :

Formula: C71H117F3N26O17S2

Molecular Weight: 1727.98

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	A-71915 (TFA) is a selective inhibitor of ANP receptor (atrial natriuretic peptide-receptor), induces apoptosis and decreases insulin secretion in RINm5F pancreatic $\beta$ -cells.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5787 mL	2.8936 mL	5.7871 mL
5 mM	0.1157 mL	0.5787 mL	1.1574 mL
10 mM	0.0579 mL	0.2894 mL	0.5787 mL
50 mM	0.0116 mL	0.0579 mL	0.1157 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

Wong JC, et al. Pancreatic- $\beta$ -cell survival and proliferation are promoted by protein kinase G type Ia and downstream regulation of AKT/FOXO1. Diab Vasc Dis Res. 2017 Sep;14(5):434-449.

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