

K41498 TFA

## Chemical Properties

CAS No. :

Formula: C164H277F3N48O48

Molecular Weight: 3746.22

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	K41498 TFA, an analog of antisauvagine-30 (aSvg-30), is a potent and highly selective antagonist of CRF2 receptors, exhibiting $K_i$ values of 0.66 nM, 0.62 nM, and 425 nM for human CRF 2 $\alpha$ , CRF 2 $\beta$ , and CRF 1 receptors, respectively. This compound effectively inhibits sauvagine-stimulated cAMP accumulation in cells expressing hCRF 2 $\alpha$ and hCRF 2 $\beta$ . It is utilized in studies investigating hypotension [1].
Targets(IC50)	CFTR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2669 mL	1.3347 mL	2.6694 mL
5 mM	0.0534 mL	0.2669 mL	0.5339 mL
10 mM	0.0267 mL	0.1335 mL	0.2669 mL
50 mM	0.0053 mL	0.0267 mL	0.0534 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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