

## IRL-1038 TFA

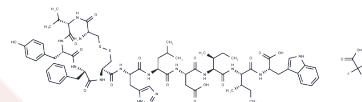
## Chemical Properties

CAS No. :

Formula: C70H93F3N14O17S2

Molecular Weight: 1523.7

Storage: Keep away from moisture, Keep away from direct sunlight, Store at low temperature  
 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	IRL-1038 TFA is a selective and potent endothelin B (ETB) receptor antagonist that inhibits endothelin-induced endothelium-dependent relaxation and can be used in the study of cardiovascular disease.
Targets(IC50)	Endothelin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6563 mL	3.2815 mL	6.563 mL
5 mM	0.1313 mL	0.6563 mL	1.3126 mL
10 mM	0.0656 mL	0.3281 mL	0.6563 mL
50 mM	0.0131 mL	0.0656 mL	0.1313 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

Urade Y, et al. An endothelin B receptor-selective antagonist: IRL 1038, [Cys11-Cys15]-endothelin-1(11-21). FEBS Lett. 1992 Oct 12;311(1):12-6.

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