

IRL-1620 TFA (142569-99-1 free base)

## Chemical Properties

CAS No. :

Formula: C88H118F3N17O29

Molecular Weight: 1934.97

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	IRL-1620 (TFA) is a potent selective endothelin receptor B (ETB) agonist with a $K_i$ value of 16pm.
-------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5168 mL	2.584 mL	5.168 mL
5 mM	0.1034 mL	0.5168 mL	1.0336 mL
10 mM	0.0517 mL	0.2584 mL	0.5168 mL
50 mM	0.0103 mL	0.0517 mL	0.1034 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

Takai M, et al. A potent and specific agonist, Suc-[Glu<sup>9</sup>,Ala<sup>11,15</sup>]-endothelin-1(8-21), IRL 1620, for the ETB receptor. *Biochem Biophys Res Commun.* 1992 Apr 30;184(2):953-9.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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