

17-TFM-PGF1 $\alpha$ 

## Chemical Properties

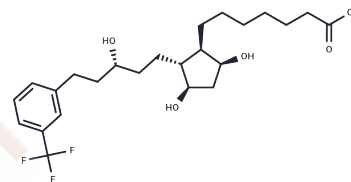
CAS No. : 1027401-98-4

Formula: C<sub>24</sub>H<sub>35</sub>F<sub>3</sub>O<sub>5</sub>

Molecular Weight: 460.53

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	17-TFM-PGF1 $\alpha$ (Compound 8) is a saturated prostaglandin analog. It exhibits a high affinity and receptor selectivity for the human prostaglandin F receptor (hFP receptor), with an EC <sub>50</sub> of 85 nM.
Targets(IC <sub>50</sub> )	Prostaglandin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1714 mL	10.8571 mL	21.7141 mL
5 mM	0.4343 mL	2.1714 mL	4.3428 mL
10 mM	0.2171 mL	1.0857 mL	2.1714 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 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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