

ER $\alpha$  degrader 6

## Chemical Properties

CAS No. :

Formula: C28H23F3N4O4S

Molecular Weight: 568.57

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	ER $\alpha$ degrader 6 (Compound 31q) is an ER $\alpha$ degrader with a K <sub>I</sub> of 75 nM and an ARO inhibitor with an IC <sub>50</sub> of 37.7 nM. It effectively inhibits tumor growth in the MCF-7 tumor xenograft model and has applications in breast cancer research [1].
Targets(IC50)	Estrogen Receptor/ERR,Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7588 mL	8.794 mL	17.588 mL
5 mM	0.3518 mL	1.7588 mL	3.5176 mL
10 mM	0.1759 mL	0.8794 mL	1.7588 mL
50 mM	0.0352 mL	0.1759 mL	0.3518 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.

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