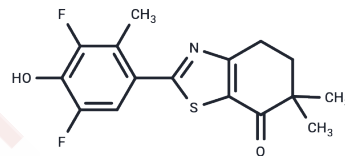


3 $\beta$ HSD1-IN-1

## Chemical Properties

CAS No. :	3082852-63-6
Formula:	C <sub>16</sub> H <sub>15</sub> F <sub>2</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	323.36
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	3 $\beta$ HSD1-IN-1 (Compound 46) is an inhibitor of 3 $\beta$ -hydroxysteroid dehydrogenase 1 (3 $\beta$ HSD1) with an IC <sub>50</sub> of 55 nM. This compound effectively suppresses androgen receptor activity and is applicable in research related to diseases such as prostate cancer.
Targets(IC <sub>50</sub> )	Androgen Receptor,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0925 mL	15.4626 mL	30.9253 mL
5 mM	0.6185 mL	3.0925 mL	6.1851 mL
10 mM	0.3093 mL	1.5463 mL	3.0925 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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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