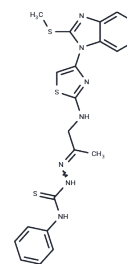


## COX-2/15-LOX-IN-1

## Chemical Properties

CAS No. :	2413565-15-6
Formula:	C <sub>21</sub> H <sub>21</sub> N <sub>7</sub> S <sub>3</sub>
Molecular Weight:	467.63
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	COX-2/15-LOX-IN-1 (Compound 14) is a dual inhibitor of COX-2 and 15-lipoxygenase (15-LOX) with IC <sub>50</sub> values of 10.65 μM for COX-1, 0.075 μM for COX-2, and 2.98 μM for 15-LOX, exhibiting an anti-inflammatory effect.
Targets(IC <sub>50</sub> )	Others,COX,Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1384 mL	10.6922 mL	21.3844 mL
5 mM	0.4277 mL	2.1384 mL	4.2769 mL
10 mM	0.2138 mL	1.0692 mL	2.1384 mL
50 mM	0.0428 mL	0.2138 mL	0.4277 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481