

## OTOP1-IN-1

## Chemical Properties

CAS No. :	2306539-75-1
Formula:	C15H17N3O2
Molecular Weight:	271.32
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	OTOP1-IN-1 (compound C2.2) is a potent inhibitor of zebrafish Otopetrin 1 (OTOP1), with an IC50 of 6.67 $\mu$ M. It exhibits a higher selectivity for zebrafish OTOP1 compared to mOTOP1 and hOTOP1.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6857 mL	18.4284 mL	36.8568 mL
5 mM	0.7371 mL	3.6857 mL	7.3714 mL
10 mM	0.3686 mL	1.8428 mL	3.6857 mL
50 mM	0.0737 mL	0.3686 mL	0.7371 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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