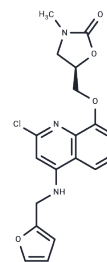


## RECTAS-2.0

## Chemical Properties

CAS No. :	3038234-95-3
Formula:	C <sub>18</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	388.805
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	RECTAS-2.0 is a small molecule designed to correct RNA mis-splicing caused by the GLA c.639+919G>A mutation, intended for research in Fabry disease.
Targets(IC50)	DNA/RNA Synthesis
In vitro	RECTAS-2.0 is capable of restoring normal GLA mRNA splicing and $\alpha$ -galactosidase activity in patient-derived B lymphoblastoid cell lines and cardiomyocytes derived from induced pluripotent stem cells. Furthermore, RECTAS-2.0 shows potential applicability in other genetic diseases involving similar exon competition.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.572 mL	12.8598 mL	25.7195 mL
5 mM	0.5144 mL	2.572 mL	5.1439 mL
10 mM	0.2572 mL	1.286 mL	2.572 mL
50 mM	0.0514 mL	0.2572 mL	0.5144 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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