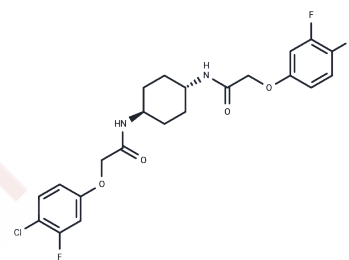


## trans-isrib A17

## Chemical Properties

CAS No. : 1628478-15-8  
 Formula: C<sub>22</sub>H<sub>22</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 487.32  
 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	trans-isrib A17 (ISR-IN-1) is a potent inhibitor of the integrated stress response with EC <sub>50</sub> of 0.6 nM.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.052 mL	10.2602 mL	20.5204 mL
5 mM	0.4104 mL	2.052 mL	4.1041 mL
10 mM	0.2052 mL	1.026 mL	2.052 mL
50 mM	0.041 mL	0.2052 mL	0.4104 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.

## Reference

Hearn BR, et al. Structure-Activity Studies of Bis-O-Arylglycolamides: Inhibitors of the Integrated Stress Response. ChemMedChem. 2016 Apr 19;11(8):870-80.

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