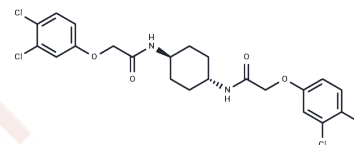


## ISRIB-A15

## Chemical Properties

CAS No. : 1628478-12-5  
 Formula: C<sub>22</sub>H<sub>22</sub>Cl<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 520.23  
 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	ISRIB-A15 (ISR-IN-2) is a potent inhibitor of the integrated stress response with an EC <sub>50</sub> of 0.8 nM.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: Insoluble H <sub>2</sub> O: Insoluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9222 mL	9.6111 mL	19.2223 mL
5 mM	0.3844 mL	1.9222 mL	3.8445 mL
10 mM	0.1922 mL	0.9611 mL	1.9222 mL
50 mM	0.0384 mL	0.1922 mL	0.3844 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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