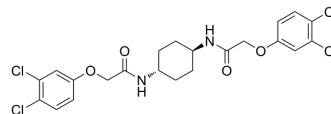


## ISR-IN-2

Cat. No.:	HY-153075		
CAS No.:	1628478-12-5		
Molecular 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		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 2.5 mg/mL (4.81 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9222 mL	9.6111 mL	19.2223 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

### Description

ISR-IN-2 (Compound 47) is an inhibitor of the integrated stress response (EC<sub>50</sub>: 0.8 nM)<sup>[1]</sup>.

## REFERENCES

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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