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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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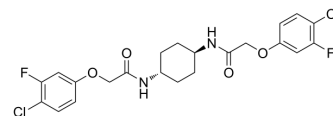
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ISR-IN-1

Cat. No.: HY-153074
CAS No.: 1628478-15-8
Molecular Formula: C₂₂H₂₂Cl₂F₂N₂O₄
Molecular Weight: 487.32
Target: Others
Pathway: Others
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.5 mg/mL (25.65 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0520 mL	10.2602 mL	20.5204 mL
	5 mM		0.4104 mL	2.0520 mL	4.1041 mL
	10 mM		0.2052 mL	1.0260 mL	2.0520 mL

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

BIOLOGICAL ACTIVITY

Description

ISR-IN-1 (Compound 48) is an inhibitor of the integrated stress response (EC₅₀: 0.6 nM)^[1].

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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