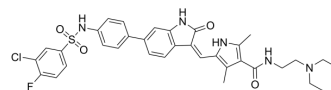


Mitochondrial respiration-IN-4

Cat. No.:	HY-161267
Molecular Formula:	C ₃₄ H ₃₅ ClFN ₅ O ₄ S
Molecular Weight:	664.19
Target:	Mitochondrial Metabolism; Reactive Oxygen Species
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mitochondrial respiration-IN-4 (Compound TC11) is a potent mitochondrial respiration inhibitor. Mitochondrial respiration-IN-4 impairs Reactive Oxygen Species (ROS) in and induces apoptosis in MCF7 cells ^[1] .
--------------------	--

REFERENCES

[1]. Helmy SWA, et al. Novel sulfonamide-indolinone hybrids targeting mitochondrial respiration of breast cancer cells. *Eur J Med Chem.* 2024 Feb 17;268:116255.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA