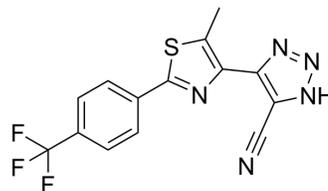


OPC-163493

Cat. No.:	HY-134769
CAS No.:	1644467-84-4
Molecular Formula:	C ₁₄ H ₈ F ₃ N ₃ S
Molecular Weight:	335.31
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

OPC-163493 is an orally active liver-targeted mitochondrial uncoupling agent. OPC-163493 reduces $\Delta\psi$ and mitochondrial ROS production. OPC-163493 has antidiabetic and cardiovascular beneficial effects. OPC-163493 lowers blood pressure, extends survival, and improves renal function in the rat model of stroke/hypertension^[1].

REFERENCES

[1]. Kanemoto N, et al. Antidiabetic and cardiovascular beneficial effects of a liver-localized mitochondrial uncoupler. *Nat Commun.* 2019 May 15;10(1):2172.

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