

Product Name : ER-000444793

Synonyms : —

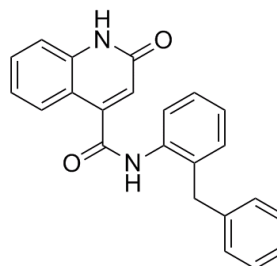
Cat No. : M24791

CAS Number : 792957-74-5

Molecular Formula : C₂₃H₁₈N₂O₂

Formula Weight : 354.4

Chemical Name : —



Description : ER-000444793 is a potent mitochondrial permeability transition pore (mPTP) opening inhibitor and it also inhibits mPTP (IC₅₀: 2.8 μM).

Pathway : Others

Target : Other Targets

Receptor : mPTP

Solubility : DMSO:50 mg/mL (141.08 mM; Need ultrasonic)

SMILES : O=C(NC1=CC(=CC=C1)C(=CC=C1)C(C3=CC=CC=C3N4)=CC4=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Briston T, et al. Identification of ER-000444793, a Cyclophilin D-independent inhibitor of mitochondrial permeability transition, using a high-throughput screen in cryopreserved mitochondria. Sci Rep. 2016 Nov 25;6:37798.