**Product Name**: IACS-010759  
**Cat. No.**: GY05498  
**CAS No.**: 1570496-34-2  
**Molecular Formula**: C_{25}H_{25}F_3N_6O_4S  
**Molecular Weight**: 562.568  
**Target**: Other Targets  
**Solubility**:  

**Biological Activity**  
IACS-010759 (IACS010759) is a small molecule inhibitor of mitochondrial oxidative phosphorylation (OXPHOS), targets complex I of the mitochondrial electron transport chain; decreases cell viability and increases apoptosis with EC50 values between 1 nM-50 nM across multiple lines; robustly inhibits proliferation and induces apoptosis in models of brain cancer and acute myeloid leukemia (AML) reliant on OXPHOS, reduces aspartate production that leads to impaired nucleotide biosynthesis; potently inhibits tumor growth of brain cancer and AML in vivo.

**References**  

---

**Caution**: Product has not been fully validated for medical applications. Lab Use Only!