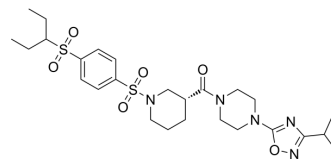


DX3-235

Cat. No.:	HY-145304
CAS No.:	2749555-39-1
Molecular Formula:	C ₂₆ H ₃₉ N ₅ O ₆ S ₂
Molecular Weight:	581.75
Target:	Mitochondrial Metabolism; Oxidative Phosphorylation
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DX3-235 is an oxidative phosphorylation (OXPHOS) inhibitor. DX3-235 shows nanomolar inhibition of complex I function and ATP production in a galactose-containing medium resulting in significant cytotoxicity^[1].

REFERENCES

[1]. Xue D, et al. Discovery and Lead Optimization of Benzene-1,4-disulfonamides as Oxidative Phosphorylation Inhibitors. *J Med Chem.* 2022;65(1):343-368.

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

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