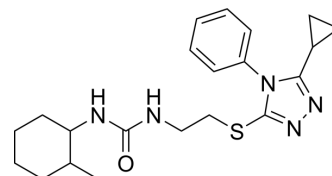


MFN2 agonist-1

Cat. No.:	HY-123985
CAS No.:	2230047-87-5
Molecular Formula:	C ₂₁ H ₂₉ N ₅ O ₂ S
Molecular Weight:	399.55
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MFN2 agonist-1 (B-A/l) potently stimulates mitochondrial fusion in mitofusin 2 (MFN2)-deficient cells. MFN2 agonist-1 reverses mitochondrial “clumping” (formation of static mitochondrial aggregates) and restores mitochondrial motility in cultured mouse neurons expressing the CMT2A mutant MFN2 T105M.

REFERENCES

[1]. Rocha AG, et al. MFN2 agonists reverse mitochondrial defects in preclinical models of Charcot-Marie-Tooth disease type 2A. *Science*. 2018 Apr 20;360(6386):336-341.

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

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