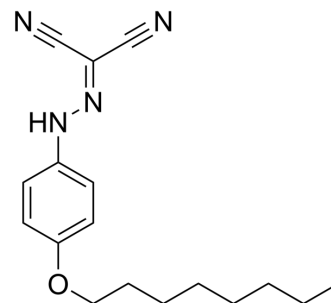


NMY1009

Cat. No.:	HY-162302
Molecular Formula:	C ₁₇ H ₂₂ N ₄ O
Molecular Weight:	298.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NMY1009 is a lipophilic C8-hydrocarbon chain conjugated analog that links mitochondrial uncouplers via ether linkages. NMY1009 can be released and enter the mitochondrial matrix and intermembrane space, thereby targeting mitochondrial uncoupler to adipose tissue and increasing energy expenditure in brown and white adipose tissue^[1].

REFERENCES

[1]. Ng MY, et al. Conjugating uncoupler compounds with hydrophobic hydrocarbon chains to achieve adipose tissue selective drug accumulation. Sci Rep. 2024 Feb 28;14(1):4932.

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

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