

Product Datasheet

MFN2 agonist-1 (orb1942962)

Catalog Number	orb1942962
Category	Small Molecules
Description	MFN2 agonist-1 (B-A/I) is a research compound that promotes mitochondrial fusion in MFN2-deficient cells. It rescues mitochondrial dynamics by reversing aggregate formation and restoring motility in neurons with the CMT2A-linked MFN2 T105M mutation, supporting its use in vitro models of mitochondrial dysfunction and neuropathy research.
Target	Others, Mitochondrial Metabolism
MW	399.55
CAS Number	2230047-87-5
Formula	C ₂₁ H ₂₉ N ₅ OS
SMILES	O=C(NCCSC1=NN=C(N1C=2C=CC=CC2)C3CC3)NC4CCCCC4C
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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