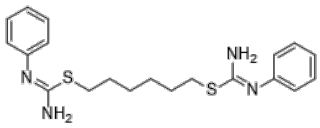
ProbeChem®
Expedite Your Scientific Research

Data Sheet

WWW.PROBECHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	MS-L6
Cat. No.	:	PC-22285
CAS No.	:	63498-32-8
Molecular Formula	:	$C_{20}H_{28}Br_2N_4S_2$
Molecular Weight	:	548.40
Target	:	Other Targets
Solubility	:	10 mM in DMSO



CAS: 106936-74-7

Biological Activity

MS-L6 is a novel small molecule **OXPHOS** inhibitor, exerts dual mitochondrial effects: mitochondrial electron transport chain complexe ETC-I inhibition and uncoupling of OXPHOS.
MS-L6 inhibits respiration of hepatocytes and cancer cells via ETC-I.
MS-L6 decreases ΔΨm in rat liver mitochondria and cancer cells.
MS-L6 exhibits mild cytotoxic effects on several cancer cell lines and remarkably inhibits tumor growth in preclinical mouse cancer models without toxicity.

References

Al Assi A, et al. ***Cell Death Dis.*** 2024 May 2;15(5):311.

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

E-mail: tech@probechem.com