

Product Data Sheet

Product Name: MS-L6
Cat. No.: GC73816

Chemical Properties

Cas. No.

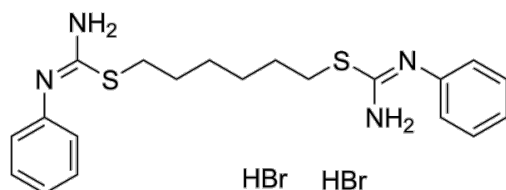
Formula $C_{20}H_{27}BrN_4S_2$ M.Wt 467.49

Solubility DMSO : 125 mg/mL (227.94 mM; Need ultrasonic) Storage -20°C, sealed storage, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



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

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Background

MS-L6 is a potent inhibitor of oxidative phosphorylation (OXPHOS) that can acts as electron transport chain complexes I (ETC-I) combining inhibition of NADH oxidation and uncoupling effect.

References:

[1]. Alaa Al Assi, et al. A novel inhibitor of the mitochondrial respiratory complex I with uncoupling properties exerts potent antitumor activity. Cell Death Dis. 2024 May 2;15(5):311.

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