

Antiparasitic agent-26

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Antiparasitic agent-26 (Compound 8) is an antiparasitic compound that effectively inhibits the growth of <i>Naegleria fowleri</i> , with an IC ₅₀ of 22.87 μ M (trophozoite stage) and 25.16 μ M (cyst stage). It exerts its antiparasitic effects by inducing programmed cell death, which includes cytosolic calcium accumulation, mitochondrial membrane potential collapse, ATP synthesis inhibition, ROS accumulation, and chromatin condensation. Antiparasitic agent-26 can be utilized in research on primary amoebic meningoencephalitis (PAM).
Targets(IC50)	Reactive Oxygen Species,Parasite,ROS

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