

Antiparasitic agent-32

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-32 (compound M9) is an analogue of Piperaquine and acts as a potent antiparasitic agent targeting plasmodium falciparum lactate dehydrogenase (Pf LDH) with a Pf3D7IC50 of 0.40 μ M. It demonstrates significant activity against both the asexual and gametocyte stages of plasmodium falciparum. Its antimalarial effect is achieved through stable and specific non-covalent interactions at the NADH binding site. Antiparasitic agent-32 is applicable in malaria research.
Targets(IC50)	Parasite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481