

Insecticidal agent 24

Chemical Properties

CAS No. :

Formula: C₂₆H₂₉N₃O₂

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	Insecticidal agent 24 is an orally active pyridinyl spiroindoline lead compound. It demonstrates antimalarial activity with Pf NF54IC ₅₀ of 0.08 μM. Insecticidal agent 24 also inhibits hERG activity with an IC ₅₀ of 6.5 μM. In a humanized immunodeficient NSG mouse model of malaria infection, it effectively reduces parasitemia.
Targets(IC ₅₀)	Parasite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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