

LSD1-IN-44

## 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	LSD1-IN-44 (Compound 19) is an LSD1 inhibitor with an IC50 of 0.02 $\mu$ M for the LSD1-CoREST enzyme complex. It exhibits significant antischistosomal activity against newly transformed schistosomula (NTS) and adult <i>Schistosoma mansoni</i> , though its effect on larvae shows some delay. LSD1-IN-44 demonstrates no notable toxicity to human cells and is applicable for schistosomiasis research.
Targets(IC50)	Histone Demethylase

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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