

Tranylcypromine Hemisulfate

Cat. No. CEI-0554

Lot. No. (See product label)

Introduction

Description An inhibitor of monoamine oxidase (MAO) and prostacyclin synthase. Potently suppresses the enzymatic activity of Lysine-Specific Demethylase 1 (LSD1) (IC₅₀ <2 μM for BHC110/LSD1). When combined with GSK-3 Inhibitor CHIR99021, causes reprogramming of human primary keratinocyte transduced with two factors, Oct4 and Klf4.

Synonyms SKF trans-355; 2-PCPA; Parnate; Jatrosom

Product Information

Appearance Beige to yellow solid

CAS No. 13492-01-8

Molecular Formula C₉H₁₁N.1/2H₂SO₄

Chemical Name Trans (±)-2-Phenylcyclopropanamine, Hemisulfate

Molecular Weight 334.33

Purity >98% by HPLC

Targets KDM1A

Solubility DMSO (10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack