

# 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  $\mu$ M 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** C<sub>9</sub>H<sub>11</sub>N<sub>1</sub>/2H<sub>2</sub>SO<sub>4</sub>

**Chemical Name** Trans ( $\pm$ )-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