

## 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) (IC<sub>50</sub> <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

C<sub>9</sub>H<sub>11</sub>N.1/2H<sub>2</sub>SO<sub>4</sub>

#### 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