

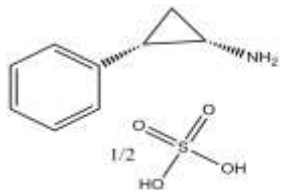
Tranlycypromine Hemisulfate

ALTERNATE NAME: Trans (±)-2-Phenylcyclopropanamine, Hemisulfate; SKF trans-355; 2-PCPA; Parnate; Jatrosom

CATALOG #: 1816-25, 100

AMOUNT: 25 mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₉H₁₁N, 1/2H₂SO₄

MOLECULAR WEIGHT: 182.2

CAS NUMBER: 13492-01-8

APPEARANCE: White solid

SOLUBILITY: Water (25 mg/ml)

PURITY: ≥99% by TLC

STORAGE: Store at -20 °C

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 (Cat. No. 1677-5, 25), causes reprogramming of human primary keratinocyte transduced with two factors, Oct4 and Klf4.

REFERENCE: Li, W., *et al.* (2009). *Stem Cells* **27**, 2992-3000; Lee, M.G., *et al.* (2006). *Chem. Biol.* **13**, 563-567.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Apicidin (Cat. No. 1601-1)
- 5-Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)
- BIX01294 (Cat. No. 1678-5, 25)
- Cambinol (Cat. No.1653-10)
- CI-994 (Cat. No. 1742-10, 50)
- DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)
- M344 (Cat. No. 1607-1)
- MS-275 (Cat. No. 1590-1,5)
- Panobinostat (LBH589) (Cat. No. 1612-1, 5, 25)
- RG108 (Cat. No. 1679-10, 30)
- SAHA (Cat. No. 1604-1)
- SIRT1 Inhibitor, EX-527 (Cat. No. 1652-10)
- SIRT2 Inhibitor, AGK2 (Cat. No. 1651-10)
- Sodium 4-phenylbutyrate (Cat. No. 1608-100,1000)
- Sodium Butyrate (Cat. No. 1609-1000)
- Splitomycin (Cat. No. 1610-5)
- Trichostatin A (Cat. No. 1606-1)
- Tubastatin A (Cat. No. 1724-1, 5)
- Valproic Acid, Sodium Salt (Cat. No. 1647-200)