Tranylcypromine

Demethylase inhibitor

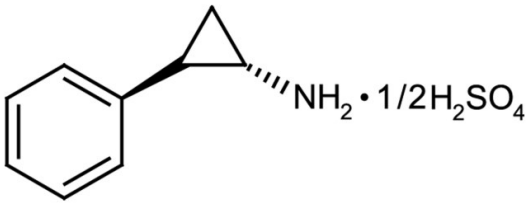
Inhibits prostacyclin synthase. Monoamine oxidase inhibitor. Effective small molecule inhibitor of histone demethylation. Inhibits the demethylase BHC110/LSD1 (IC_{50}<2μM). When combined with a GSK-3 inhibitor, it causes reprogramming of human primary keratinocyte transduced with Oct4 and Klf4.

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BML-EI217-0001	1g
BML-EI217-0005	5g

Manuals, SDS & CofA View Online »

NH2 • 1/2H2SO4

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature – Dangerous Good

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Trans(±)-2-phenylcyclopropanamine, SKF trans-355, Tranylcypromine hemisulfate
Appearance	White solid.
CAS	13492-01-8
Couple Target	Demethylase
Couple Type	Inhibitor
Formula	$C_9H_{11}N$. $1/2H_2SO_4$
MW	182.2
Purity	≥98% (HPLC)
Solubility	Soluble in water (25mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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