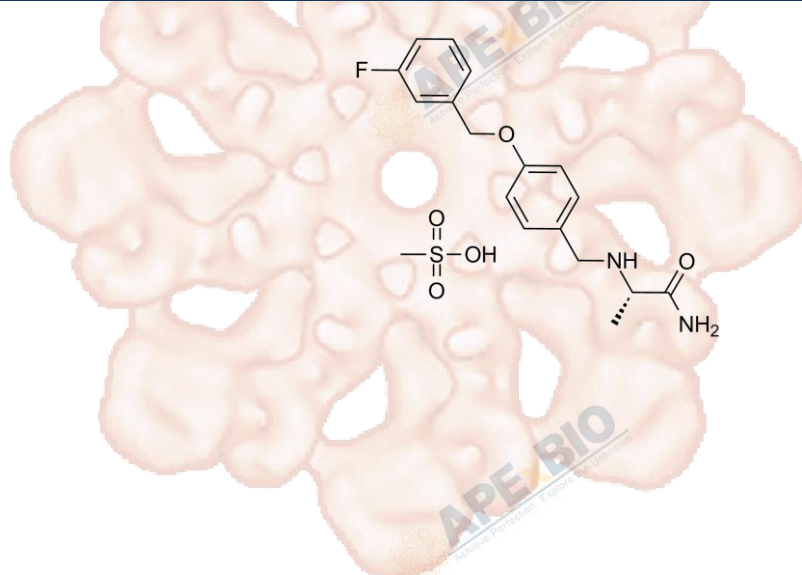


# Product Data Sheet

## Safinamide Mesylate

<b>Cat. No.:</b>	A4368
<b>CAS No.:</b>	202825-46-5
<b>Formula:</b>	C <sub>17</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>2</sub> ·CH <sub>4</sub> O <sub>3</sub> S
<b>M.Wt:</b>	398.45
<b>Synonyms:</b>	FCE-28073, PNU 151774E, methanesulfonate
<b>Target:</b>	Metabolism
<b>Pathway:</b>	MAO
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥10.08 mg/mL in EtOH with gentle warming and ultrasonic; ≥16.1 mg/mL in DMSO; ≥84.6 mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		<b>1 mM</b>	2.5097 mL	12.5486 mL	25.0973 mL
		<b>5 mM</b>	0.5019 mL	2.5097 mL	5.0195 mL
		<b>10 mM</b>	0.2510 mL	1.2549 mL	2.5097 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

MAO-B inhibitor,potent,selective and reversible

IC<sub>50</sub> & Target

98 nM (MAO-B)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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