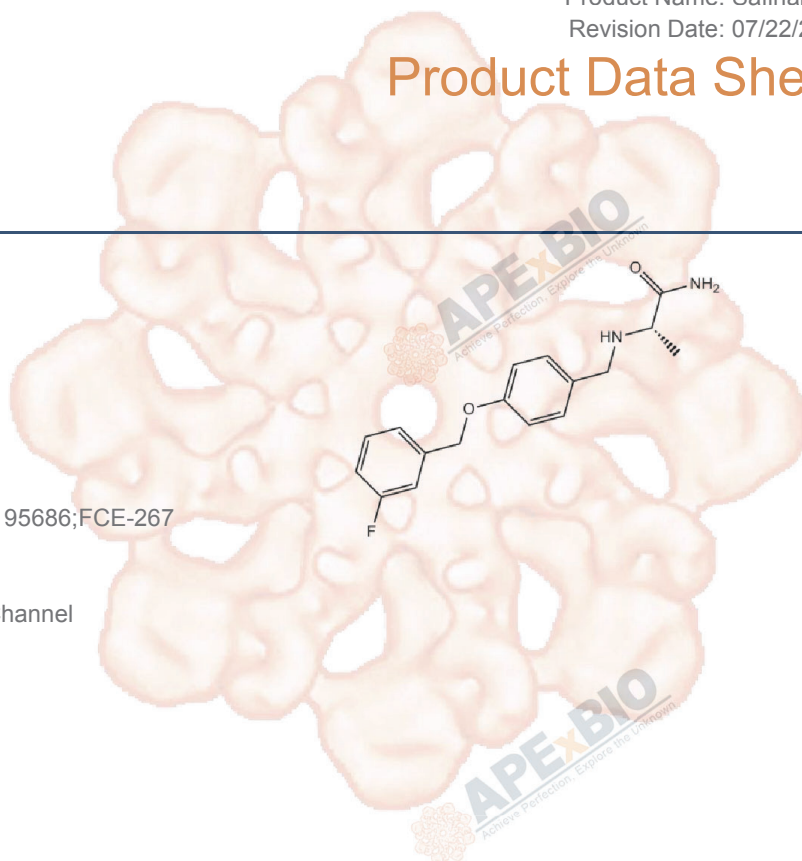


# Product Data Sheet

## Safinamide

<b>Cat. No.:</b>	A3784
<b>CAS No.:</b>	133865-89-1
<b>Formula:</b>	C <sub>17</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>2</sub>
<b>M.Wt:</b>	302.34
<b>Synonyms:</b>	EMD 1195686;FCE 26743;EMD-1195686;EMD1195686;FCE-267 43
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	Calcium Channel
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥32.3 mg/mL in DMSO; ≥13.95 mg/mL in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	3.3075 mL	16.5377 mL	33.0753 mL
		<b>5 mM</b>	0.6615 mL	3.3075 mL	6.6151 mL
		<b>10 mM</b>	0.3308 mL	1.6538 mL	3.3075 mL

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

## Biological Activity

Shortsummary	MAO-B inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	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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