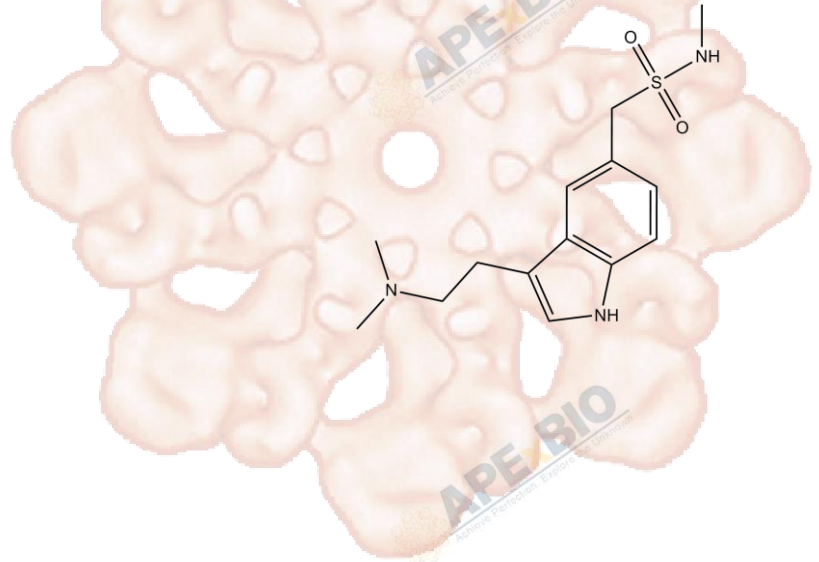


# Product Data Sheet

## Sumatriptan

<b>Cat. No.:</b>	B4981
<b>CAS No.:</b>	103628-46-2
<b>Formula:</b>	C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S
<b>M.Wt:</b>	295.40
<b>Synonyms:</b>	
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	5-HT Receptor
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥ 14.77 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	1mg	5mg	10mg
			1mM	5mM	10mM
			3.3852 mL	16.9262 mL	33.8524 mL
			0.6770 mL	3.3852 mL	6.7705 mL
			0.3385 mL	1.6926 mL	3.3852 mL

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

### Biological Activity

Shortsummary

5-HT<sub>1</sub> receptor agonist

IC<sub>50</sub> & Target

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 APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.

**APEX BIO Technology**

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