

# Product Data Sheet

## Entacapone sodium salt

**Cat. No.:** B1090  
**CAS No.:** 1047659-02-8  
**Formula:** C<sub>14</sub>H<sub>14</sub>N<sub>3</sub>NaO<sub>5</sub>  
**M.Wt:** 327.27  
**Synonyms:**  
**Target:** Others  
**Pathway:** COMT  
**Storage:** Store at -20°C



### Solvent & Solubility

≥17.4 mg/mL in DMSO; ≥1.86 mg/mL in EtOH with gentle warming and ultrasonic; ≥14.8 mg/mL in H<sub>2</sub>O with ultrasonic

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
	1 mM		3.0556 mL	15.2779 mL	30.5558 mL
	5 mM		0.6111 mL	3.0556 mL	6.1112 mL
	10 mM		0.3056 mL	1.5278 mL	3.0556 mL

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

### Biological Activity

Shortsummary

COMT inhibitor

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 APExBIO 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.*

**APExBIO Technology**

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