

# Product Data Sheet

## NS 398

<b>Cat. No.:</b>	B6514
<b>CAS No.:</b>	123653-11-2
<b>Formula:</b>	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> S
<b>M.Wt:</b>	314.36
<b>Synonyms:</b>	
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	COX
<b>Storage:</b>	Store at RT



### Solvent & Solubility

≥31.4 mg/mL in DMSO; insoluble in H<sub>2</sub>O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	3.1811 mL	15.9053 mL	31.8107 mL
	<b>5 mM</b>	0.6362 mL	3.1811 mL	6.3621 mL
	<b>10 mM</b>	0.3181 mL	1.5905 mL	3.1811 mL

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

### Biological Activity

**Shortsummary** COX-2 inhibitor and anti-inflammatory agent

**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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