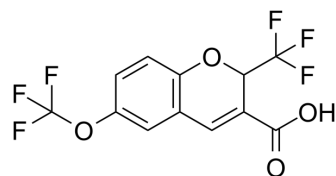


## Ocarocoxib

|                    |  |       |          |
|--------------------|--|-------|----------|
| Cat. No.:          | HY-139578  |       |          |
| CAS No.:           | 215122-22-8  |       |          |
| Molecular Formula: | C <sub>12</sub> H <sub>6</sub> F <sub>6</sub> O <sub>4</sub> |       |          |
| Molecular Weight:  | 328.16   |       |          |
| Target:            | COX  |       |          |
| Pathway:           | Immunology/Inflammation                                      |       |          |
| Storage:           | Powder   | -20°C | 3 years  |
|                    |  | 4°C   | 2 years  |
|                    | In solvent   | -80°C | 6 months |
|                    |  | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

|   |  |                          |              |            |            |
|---|--|--------------------------|--------------|------------|------------|
| In Vitro  | DMSO : 100 mg/mL (304.73 mM; Need ultrasonic)  |                          |              |            |            |
|   |  | Solvent<br>Concentration | Mass<br>1 mg | 5 mg       | 10 mg      |
|   | Preparing Stock Solutions  | 1 mM                     | 3.0473 mL    | 15.2365 mL | 30.4729 mL |
|   |  | 5 mM                     | 0.6095 mL    | 3.0473 mL  | 6.0946 mL  |
|   |  | 10 mM                    | 0.3047 mL    | 1.5236 mL  | 3.0473 mL  |
| Please refer to the solubility information to select the appropriate solvent. |  |                          |              |            |            |
| In Vivo   | 1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)<br>Solubility: ≥ 2.08 mg/mL (6.34 mM); Clear solution |                          |              |            |            |
|   | 2. Add each solvent one by one: 10% DMSO >> 90% corn oil<br>Solubility: ≥ 2.08 mg/mL (6.34 mM); Clear solution                 |                          |              |            |            |

### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | Ocarocoxib, a potent COX-2 (cyclooxygenase-2) inhibitor, is a non-steroidal anti-inflammatory for veterinary use <sup>[1]</sup> . |
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### REFERENCES

[1]. Carter, Jeffery S, et, al. Substituted benzopyran derivatives for the treatment of inflammation. WO9847890.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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