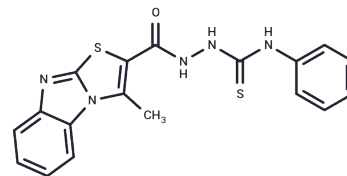


## Anti-inflammatory agent 8

### Chemical Properties

CAS No. : 1103920-19-9  
Formula: C<sub>18</sub>H<sub>15</sub>N<sub>5</sub>O<sub>2</sub>  
Molecular Weight: 381.47  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Anti-inflammatory agent 8 (compound 13) designated as an anti-inflammatory agent 8, displays enhanced activity on the COX-2 enzyme compared to COX-1, with an IC <sub>50</sub> value of 0.09 nM. Furthermore, anti-inflammatory agent 8 exhibits oral bioavailability [1]. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6214 mL | 13.1072 mL | 26.2144 mL |
| 5 mM  | 0.5243 mL | 2.6214 mL  | 5.2429 mL  |
| 10 mM | 0.2621 mL | 1.3107 mL  | 2.6214 mL  |
| 50 mM | 0.0524 mL | 0.2621 mL  | 0.5243 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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