

## COX-2/PI3K-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>19</sub>H<sub>14</sub>ClN<sub>5</sub>S<sub>2</sub>

Molecular Weight: 411.93

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

|                            |  |
|----------------------------|--|
| Description                | COX-2/PI3K-IN-1 (compound 5d) is a potent inhibitor of PI3K with an IC <sub>50</sub> of 1.14 nM and selectively inhibits COX-2 with a K <sub>i</sub> of 3.24 nM. |
| Targets(IC <sub>50</sub> ) | Others,COX,PI3K  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 2.4276 mL | 12.138 mL | 24.276 mL |
| 5 mM  | 0.4855 mL | 2.4276 mL | 4.8552 mL |
| 10 mM | 0.2428 mL | 1.2138 mL | 2.4276 mL |
| 50 mM | 0.0486 mL | 0.2428 mL | 0.4855 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481