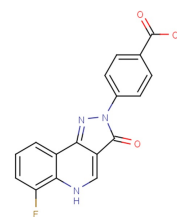


CD80-IN-3

**Chemical Properties**

|                   |  |
|-------------------|--|
| CAS No.:          | 486449-65-4  |
| Formula:          | C <sub>17</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>3</sub>         |
| Molecular Weight: | 323.28   |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

**Biological Description**

|                            |   |
|----------------------------|---|
| Description                | CD80-IN-3 is a potent CD80 inhibitor and inhibits CD80/CD28 interaction (Kd: 125 nM; EC50: 630 nM). |
| Targets(IC <sub>50</sub> ) | Others: None  |

**Solubility Information**

|            |   |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 3.093 mL | 15.466 mL | 30.933 mL |
| 5 mM  | 0.619 mL | 3.093 mL  | 6.187 mL  |
| 10 mM | 0.309 mL | 1.547 mL  | 3.093 mL  |
| 50 mM | 0.062 mL | 0.309 mL  | 0.619 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Huxley P, et al. High-affinity small molecule inhibitors of T cell costimulation: compounds for immunotherapy. Chem Biol. 2004 Dec;11(12):1651-8.

Inhibitors · Natural Compounds · Compound Libraries

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