

CD80-IN-3

## Chemical Properties

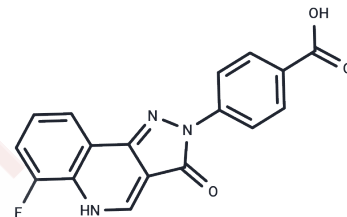
CAS No. : 486449-65-4

Formula: C<sub>17</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>3</sub>

Molecular Weight: 323.28

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	CD80-IN-3 is a potent CD80 inhibitor and inhibits CD80/CD28 interaction (K <sub>d</sub> : 125 nM; EC <sub>50</sub> : 630 nM).
Targets(IC <sub>50</sub> )	Bombesin Receptor, Immunology/Inflammation related

## Solubility Information

Solubility	DMSO: 30 mg/mL (92.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0933 mL	15.4665 mL	30.9329 mL
5 mM	0.6187 mL	3.0933 mL	6.1866 mL
10 mM	0.3093 mL	1.5466 mL	3.0933 mL
50 mM	0.0619 mL	0.3093 mL	0.6187 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.

## Reference

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

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