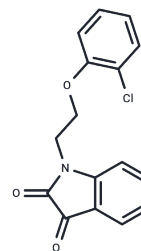


DJ-1-IN-1

## Chemical Properties

CAS No. : 797780-71-3  
 Formula: C<sub>16</sub>H<sub>12</sub>ClNO<sub>3</sub>  
 Molecular Weight: 301.72  
 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	DJ-1-IN-1 (compound 797780-71-3), a potent DJ-1 inhibitor, demonstrates antiproliferative effects in ACHN cells, achieving an IC <sub>50</sub> of 12.18 μM, and impedes the Wnt signaling pathway. This compound is applicable in cancer research.
Targets(IC <sub>50</sub> )	Others,Wnt/beta-catenin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3143 mL	16.5717 mL	33.1433 mL
5 mM	0.6629 mL	3.3143 mL	6.6287 mL
10 mM	0.3314 mL	1.6572 mL	3.3143 mL
50 mM	0.0663 mL	0.3314 mL	0.6629 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

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