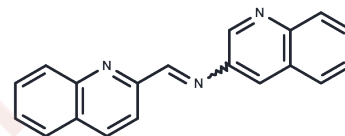


JJ0-1

## Chemical Properties

CAS No. : 16722-44-4  
 Formula: C<sub>19</sub>H<sub>13</sub>N<sub>3</sub>  
 Molecular Weight: 283.33  
 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	JJ0-1 is a bi-quinoline that allosterically activates all AMPK $\alpha\beta\gamma$ isoforms in vitro except complexes containing the $\gamma_3$ subunit. JJ0-1 does not directly activate the autoinhibited $\alpha$ subunit kinase domain and differs among other known direct activators of AMPK in that allosteric activation occurs only at low ATP concentrations, and is not influenced by either mutation of the $\gamma$ subunit adenylate-nucleotide binding sites or deletion of the $\beta$ subunit carbohydrate-binding module.
Targets(IC50)	Others,AMPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5295 mL	17.6473 mL	35.2945 mL
5 mM	0.7059 mL	3.5295 mL	7.0589 mL
10 mM	0.3529 mL	1.7647 mL	3.5295 mL
50 mM	0.0706 mL	0.3529 mL	0.7059 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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