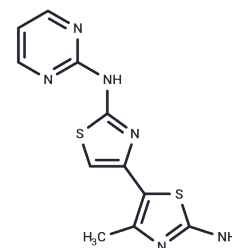


## GCN2 activator-1

## Chemical Properties

CAS No. :	315705-10-3
Formula:	C <sub>11</sub> H <sub>10</sub> N <sub>6</sub> S <sub>2</sub>
Molecular Weight:	290.37
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	GCN2 activator-1 (Compound 20) is a GCN2 activator that binds to the ATP pocket of GCN2 and activates it in a GCN1-independent manner. It can stimulate the integrated stress response (ISR) in cells and inhibits PKR with an IC <sub>50</sub> of 3.75 μM. GCN2 activator-1 is utilized for research on pulmonary veno-occlusive disease (PVOD).
Targets(IC <sub>50</sub> )	PERK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4439 mL	17.2194 mL	34.4388 mL
5 mM	0.6888 mL	3.4439 mL	6.8878 mL
10 mM	0.3444 mL	1.7219 mL	3.4439 mL
50 mM	0.0689 mL	0.3444 mL	0.6888 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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