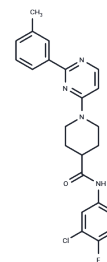


BC-1901S

## Chemical Properties

CAS No. : 1358617-36-3  
 Formula: C<sub>23</sub>H<sub>22</sub>ClFN<sub>4</sub>O  
 Molecular Weight: 424.90  
 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	BC-1901S functions as a proteasome-independent activator and stabilizer of NRF2. By binding to DCAF1 (E3 ligase subunit), it disrupts the NRF2/DCAF1 interaction and activates NRF2 through the inhibition of NRF2 ubiquitination, independent of KEAP1. BC-1901S has demonstrated anti-inflammatory effects in a murine model of LPS-induced acute lung injury.
Targets(IC50)	E1/E2/E3 Enzyme,Nrf2

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3535 mL	11.7675 mL	23.5349 mL
5 mM	0.4707 mL	2.3535 mL	4.707 mL
10 mM	0.2353 mL	1.1767 mL	2.3535 mL
50 mM	0.0471 mL	0.2353 mL	0.4707 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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