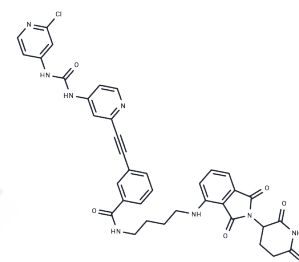


JQ dS-4

## Chemical Properties

CAS No. : 2688882-69-9  
 Formula: C<sub>37</sub>H<sub>31</sub>ClN<sub>8</sub>O<sub>6</sub>  
 Molecular Weight: 719.15  
 Storage: Keep away from direct sunlight  
 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	JQ dS-4 is a degrader of Brahma-related gene 1 (BRG1)/BRM/SMARCA4 (PROTAC®; DC50 range = 9 - 390 nM in glioma models and cell lines), featuring a BRG1 inhibitor connected through a linker to a cereblon (CRBN) E3 ligase ligand. It effectively degrades BRG1 completely over 48 and 72 hours in HSJD-DIPG007 and SU-DIPGXIIIIP cells. Additionally, it lessens the viability of various cancer cell lines, including those of H3K27M glioma, prostate, thyroid, and salivary gland.
Targets(IC50)	Epigenetic Reader Domain

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3905 mL	6.9527 mL	13.9053 mL
5 mM	0.2781 mL	1.3905 mL	2.7811 mL
10 mM	0.1391 mL	0.6953 mL	1.3905 mL
50 mM	0.0278 mL	0.1391 mL	0.2781 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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