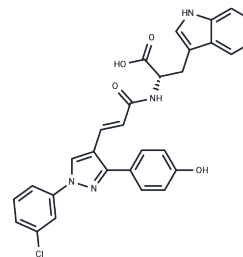


GQN-B37-E

## Chemical Properties

CAS No. : 2982663-28-3  
 Formula: C<sub>29</sub>H<sub>23</sub>ClN<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 526.97  
 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	GQN-B37-E is an effective selective binder and inhibitor of MCL-1. It binds to the BH3-binding domain of MCL-1. GQN-B37-E demonstrates binding affinity for MCL-1 within the sub-micromolar range ( $K_i = 0.6 \mu\text{M}$ ), yet shows negligible binding to BCL-2 or BCL-XL.
Targets(IC50)	Bcl-2 Family

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8976 mL	9.4882 mL	18.9764 mL
5 mM	0.3795 mL	1.8976 mL	3.7953 mL
10 mM	0.1898 mL	0.9488 mL	1.8976 mL
50 mM	0.038 mL	0.1898 mL	0.3795 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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