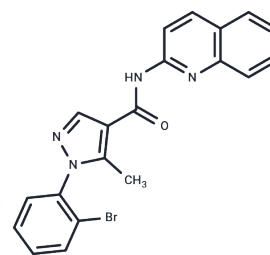


YW2065

Chemical Properties

CAS No. : 2131223-85-1
 Formula: C₂₀H₁₅BrN₄O
 Molecular Weight: 407.26
 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	YW2065 has excellent anti-colorectal cancer effects in vitro and in vivo. YW2065 achieves its inhibitory activity for Wnt signaling by stabilizing Axin-1, a scaffolding protein that regulates proteasome degradation of β -catenin. Simultaneously, YW2065 also led to the activation of the tumor suppressor AMPK, providing an additional anticancer mechanism. In addition, YW2065 showed favorable pharmacokinetic properties without obvious toxicity.
Targets(IC50)	Others,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4554 mL	12.2772 mL	24.5543 mL
5 mM	0.4911 mL	2.4554 mL	4.9109 mL
10 mM	0.2455 mL	1.2277 mL	2.4554 mL
50 mM	0.0491 mL	0.2455 mL	0.4911 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481