

dWIZ-1

Chemical Properties

CAS No. : 2879251-63-3

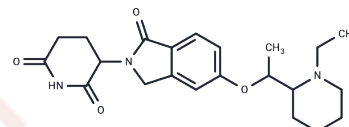
Formula: C₂₂H₂₉N₃O₄

Molecular Weight: 399.48

Store at low temperature

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	dWIZ-1 ((rac)-dWIZ-1) is a potent WIZ molecular gel degrader that recruits WIZ (ZF7) to the cereblon thereby inducing degradation and thus induction of haemoglobin fetalis (HbF) in erythroblasts, which can be used to study sickle cell disease (SCD).
Targets(IC50)	Others,Histone Acetyltransferase,Molecular Glues,PROTACs
In vitro	dWIZ-1 (Example 2) is a potent inhibitor of Wiz protein, with a DC ₅₀ of 0.36μM. dWIZ-1 is a useful tool compound for investigating genetic blood diseases, including hemoglobin-related disorders like sickle cell anemia and beta-thalassemia[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5033 mL	12.5163 mL	25.0325 mL
5 mM	0.5007 mL	2.5033 mL	5.0065 mL
10 mM	0.2503 mL	1.2516 mL	2.5033 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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.

Reference

Simone BONAZZI, et al. 3-(1-oxoisindolin-2-yl)piperidine-2,6-dione derivatives and medical uses thereof. Patent.

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