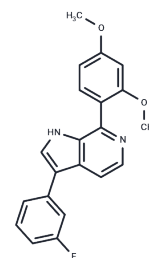


Antiproliferative agent-37

Chemical Properties

CAS No. :	2989275-31-0
Formula:	C ₂₁ H ₁₇ FN ₂ O ₂
Molecular Weight:	348.37
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	Antiproliferative agent-37 (compound 10) inhibits cell proliferation by arresting cells at the G2/M phase of the cell cycle [1].
Targets(IC50)	Others
In vitro	Antiproliferative agent-37 (compound 10) demonstrated cytotoxic activity against A431, HT1080, MCF-7, MDA-MB-231, and AG01523 cell lines, with IC50 values of 0.013±0.004, 0.014±0.008, 0.14±0.04, 0.018±0.009, and 56.3±4.3 μM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8705 mL	14.3526 mL	28.7051 mL
5 mM	0.5741 mL	2.8705 mL	5.741 mL
10 mM	0.2871 mL	1.4353 mL	2.8705 mL
50 mM	0.0574 mL	0.2871 mL	0.5741 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