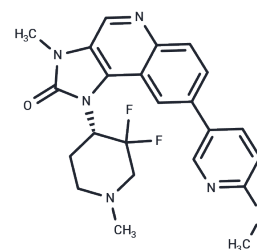


(S)-WSD0628

Chemical Properties

CAS No. : 2765449-10-1
 Formula: C₂₃H₂₃F₂N₅O₂
 Molecular Weight: 439.458
 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	(S)-WSD0628 is the S isomer of WSD0628 and serves as an ATM inhibitor, effectively suppressing ATM phosphorylation in MCF-7 cells with an IC ₅₀ of less than 100 nM. This compound also demonstrates radiosensitizing activity and is capable of penetrating the blood-brain barrier.
Targets(IC ₅₀)	ATM/ATR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2755 mL	11.3776 mL	22.7552 mL
5 mM	0.4551 mL	2.2755 mL	4.551 mL
10 mM	0.2276 mL	1.1378 mL	2.2755 mL
50 mM	0.0455 mL	0.2276 mL	0.4551 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

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