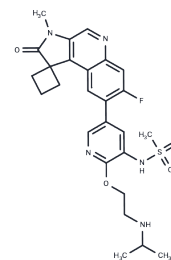


XRD-0394

Chemical Properties

CAS No. : 2595308-10-2
 Formula: C₂₆H₃₀FN₅O₄S
 Molecular Weight: 527.61
 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	XRD-0394 is a highly effective and selective dual inhibitor of ATM and DNA-PKcs, exhibiting oral bioactivity. It notably increases tumor cell destruction both in vitro and in vivo when combined with therapeutic ionizing radiation. Furthermore, XRD-0394 enhances the efficacy of PARP and topoisomerase I inhibitors in vitro [1].
Targets(IC50)	ATM/ATR,DNA-PK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8953 mL	9.4767 mL	18.9534 mL
5 mM	0.3791 mL	1.8953 mL	3.7907 mL
10 mM	0.1895 mL	0.9477 mL	1.8953 mL
50 mM	0.0379 mL	0.1895 mL	0.3791 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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