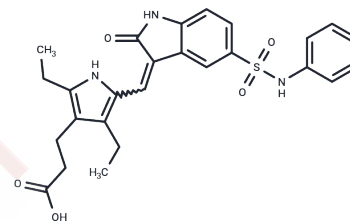


SU-11752

Chemical Properties

CAS No. : 688036-19-3
 Formula: C₂₆H₂₇N₃O₅
 Molecular Weight: 493.57
 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	SU-11752 is a potent and selective DNA-PK inhibitor. Inhibition kinetics and a direct assay for ATP binding showed that SU11752 inhibited DNA-PK by competing with ATP. SU11752 inhibited DNA double-strand break repair in cells and gave rise to a five-fold sensitization to ionizing radiation. At concentrations of SU11752 that inhibited DNA repair, cell cycle progression was still normal and ATM kinase activity was not inhibited.
Targets(IC50)	Others,DNA-PK,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0261 mL	10.1303 mL	20.2606 mL
5 mM	0.4052 mL	2.0261 mL	4.0521 mL
10 mM	0.2026 mL	1.013 mL	2.0261 mL
50 mM	0.0405 mL	0.2026 mL	0.4052 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

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