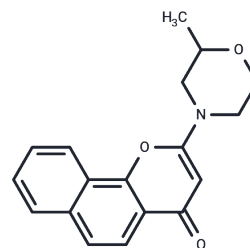


NU-7163

Chemical Properties

CAS No. : 503468-03-9
 Formula: C₁₈H₁₇NO₃
 Molecular Weight: 295.33
 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	NU-7163 is a potent and selective inhibitor of ATP-competitive DNA-PK.
Targets(IC50)	Others,DNA-PK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.386 mL	16.9302 mL	33.8604 mL
5 mM	0.6772 mL	3.386 mL	6.7721 mL
10 mM	0.3386 mL	1.693 mL	3.386 mL
50 mM	0.0677 mL	0.3386 mL	0.6772 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

Griffin RJ, Fontana G, Golding BT, Guiard S, Hardcastle IR, Leahy JJ, Martin N, Richardson C, Rigoreau L, Stockley M, Smith GC. Selective benzopyranone and pyrimido[2,1-a]isoquinolin-4-one inhibitors of DNA-dependent protein kinase: synthesis, structure-activity studies, and radiosensitization of a human tumor cell line in vitro. J Med Chem. 2005 Jan 27;48(2):569-85. PubMed PMID: 15658870.

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