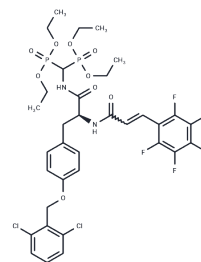


BKM1644

Chemical Properties

CAS No. : 1070966-96-9
 Formula: C₃₄H₃₇Cl₂F₅N₂O₉P₂
 Molecular Weight: 845.51
 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	BKM1644 is an effective inhibition of the proliferation of metastatic, castration-resistant PCa (mCRPC) cells.
Targets(IC50)	Others, Survivin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1827 mL	5.9136 mL	11.8272 mL
5 mM	0.2365 mL	1.1827 mL	2.3654 mL
10 mM	0.1183 mL	0.5914 mL	1.1827 mL
50 mM	0.0237 mL	0.1183 mL	0.2365 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

Zhang S, Gera L, Mamouni K, Li X, Chen Z, Kucuk O, Wu D. Inhibition of skeletal growth of human prostate cancer by the combination of docetaxel and BKM1644: an aminobisphosphonate derivative. *Oncotarget*. 2016 May 10;7 (19):27489-98. doi: 10.18632/oncotarget.8481. PubMed PMID: 27050371; PubMed Central PMCID: PMC5053666.

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