Creative Enzymes®

KU-0060648

Cat. No. CEI-0936

Lot. No. (See product label)

Introduction

Description	KU-0060648 is a dual inhibitor of DNA-PK and PI3Kα, PI3Kβ, PI3Kδ with IC50 of 8.6 nM and 4 nM, 0.5 nM, 0.1 nM respectively, less inhibition of PI3Kγ with IC50 of 0.59 μM.

Product Information

CAS No.	881375-00-4
Molecular Formula	C33H34N4O4S
Chemical Name	1-Piperazineacetamide, 4-ethyl-N-[4-[2-(4-morpholinyl)-4-oxo-4H-1-benzopyran-8-yl]-1-dibenzothienyl]-
Molecular Weight	582.71
Targets	DNA-PK, PI3Kα, PI3Kβ, PI3Kδ
IC50	8.6 nM; 4 nM; 0.5 nM; 0.1 nM
Solubility	DMSO 0.4 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.