

KU-0060648

Cat. No. CEI-0936

Lot. No. (See product label)

Introduction

Description KU-0060648 is a dual inhibitor of DNA-PK and PI3K α , PI3K β , PI3K δ with IC₅₀ of 8.6 nM and 4 nM, 0.5 nM, 0.1 nM respectively, less inhibition of PI3K γ with IC₅₀ of 0.59 μ M.

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, PI3K α , PI3K β , PI3K δ

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.